

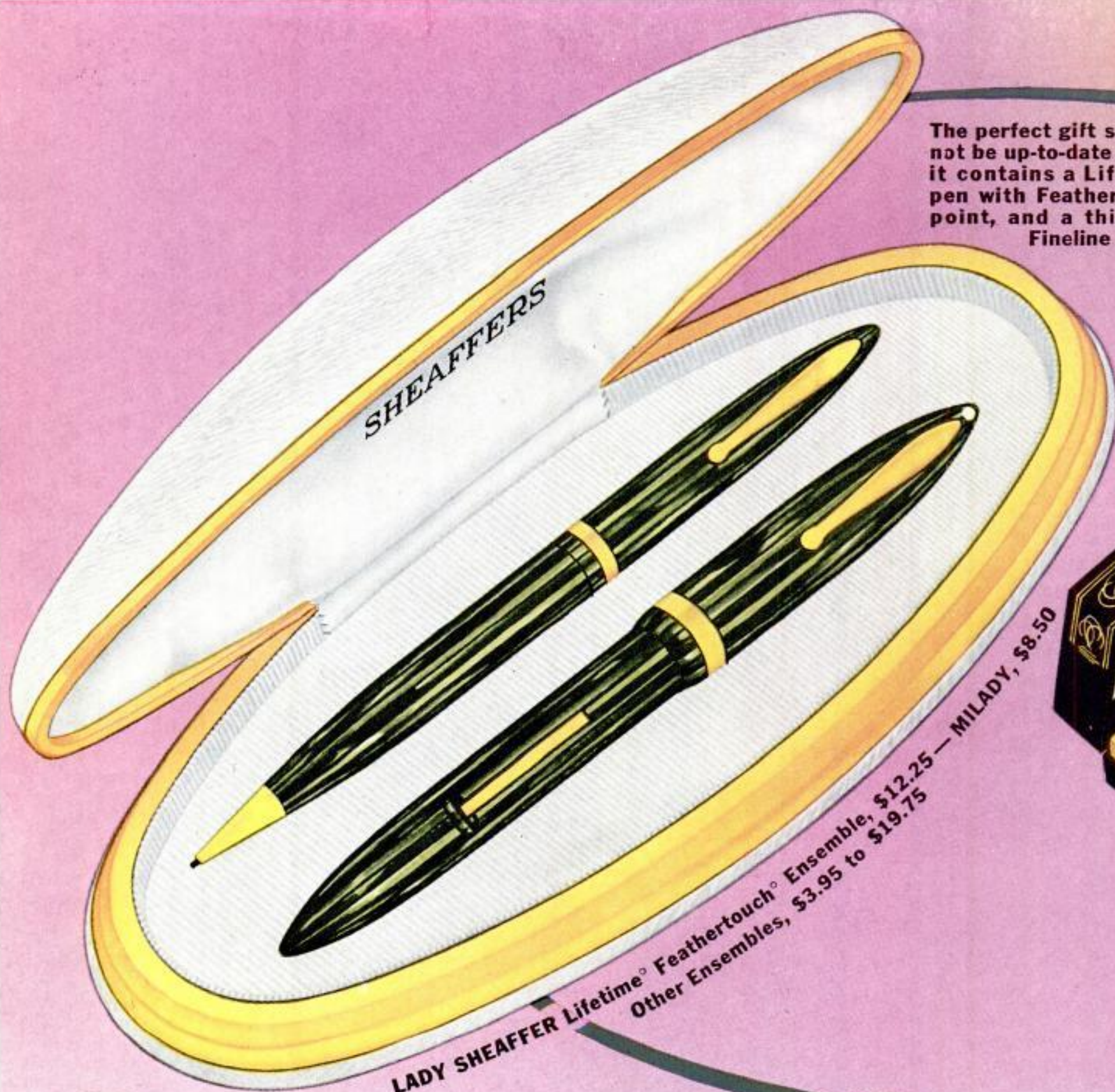
# LIFE

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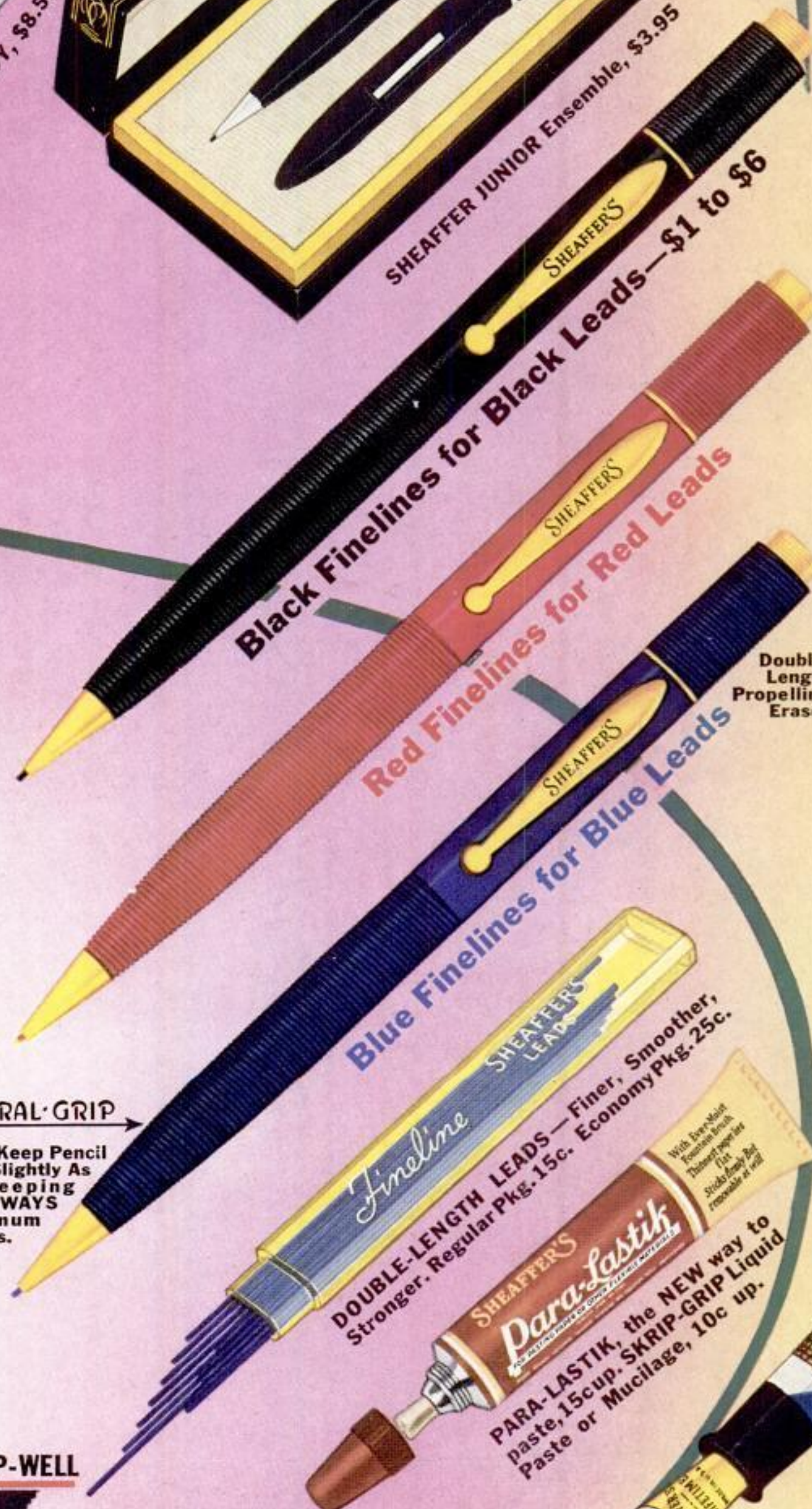
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stop you *quicker, safer* in an emergency, it's this new kind of tire with the Life-Saver Tread—the tread that acts like a battery of windshield wipers—sweeps right and left, across a wet surface—leaves a track so dry you can *light a match* on it.

Remember, too, this new Silvertown is the tire that won "hands down" in competitive non-skid road tests conducted by Pittsburgh Testing Laboratory, the largest independent testing laboratory in the country. In these exhaustive tests of the regular and premium-priced tires of

America's six largest tire manufacturers, including *new* tires which have recently been introduced, *no tire tested* came up to the new Silvertown's LIFE-SAVER Tread in non-skid action. If you want the quickest, safest stops you've ever had on a wet pavement... if you want the real *blow-out* protection of the famous GOODRICH Golden Ply—BOTH AT NO EXTRA COST—equip your car with these new life-saving Silvertowns. See your Goodrich Dealer or Goodrich Silvertown Store today.

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SWEEPS WET ROADS SO DRY YOU CAN LIGHT A MATCH ON ITS TRACK!



Protect your Hair from the gaff of



## Use the VITALIS "60-Second Workout"

A SUN-BRONZED, healthy body attests the splendid exercise you get from summer sports . . . but did you ever stop to think what a terrific beating the broiling sun and soaking showers give your hair? Days outdoors leave you with hair that looks lifeless and limp, that feels dry and brittle—hair that needs Vitalis and the famous "60-Second Workout".

For Vitalis combats the damaging effects of those two arch-enemies of good-looking hair—sun and water. Just apply Vitalis to your scalp and rub briskly. There's a healthful tingle as circulation increases and the pure vegetable oils of Vitalis come to the rescue of your oil-depleted scalp. Your hair takes on a rich, new lustre—it's easy to comb—every hair stays firmly in place. And there's no objectionable "patent-leather" shine either!

For the sake of the health and good looks of your hair, start today to use Vitalis and the "60-Second Workout". Do this *regularly*—and see if the new, well-groomed appearance doesn't win your instant approval! Get a bottle of Vitalis at any drug store today.



**1 50 Seconds to Rub**—Circulation of the scalp quickens—flow of necessary oil is increased—hair has a chance!



**2 10 Seconds to Comb and Brush**—Your hair has a lustre—but no objectionable "patent-leather" look.

### Ask Your Barber

He's an expert on the care of scalp and hair. For your protection in the barber shop—genuine Vitalis now comes only in the new sanitary, individual Seal-tubes. Next time you go to your barber's, insist on Vitalis Seal-tubes.

# VITALIS

HELPS KEEP HAIR HEALTHY AND HANDSOME!

## LETTERS TO THE EDITORS

### Hitler on Kissing

Sirs:

I always knew that Hitler was a crook but I thought that it was only in the case of war secrets and military information. But, by saltshakers, if he isn't a literary plagiarist too. LIFE, Aug. 7, had a piece on "How to Kiss," which was taken from the *Völkischer Beobachter*. The almost identical piece appeared in *College Humor* for September, which was out on the newsstands about the middle of June or the first of July.

ROBERT C. ATLAS

Lynn, Mass.

Sirs:

Just who is responsible for "How to Kiss"? The September issue of *College Humor* credits it to the *Penn State Froth*. I'm betting on Penn.

L. N. WELLS

Springfield, Mass.

● Readers Atlas and Wells are right. "How to Kiss" originally appeared in the *Penn State Froth* and was reprinted in *College Humor*. This is not the first time that the *Völkischer Beobachter* has cribbed American humor without credit.—ED.

Sirs:

It would seem that Herr Hitler in his lessons on the art of kissing suggests the same tactics he uses in his diplomatic relations. Never ask the girl for a kiss—steal it. Once taken there is very little she can do but squeal.

EDITH K. HIGBEE

San Diego, Calif.

### Hooton of Harvard

Sirs:

The erudite and scholarly Hooton of Harvard accuses the members of the medical profession of the unforgivable blunder of helping the unfit and the defective to survive and reproduce. As a classic example, he takes the case of the young lady afflicted with "buck teeth" who, after treatment, becomes superficially attractive, "is chosen by the most desirable males and proceeds to present her husband with bebies of bucktoothed offspring."

According to Mr. Hooton's way of thinking, the proper thing to have done in this case would have been to deprive this woman of the right to reproduce "bebies of bucktoothed offspring." Only a small fraction of the defective are born of defective parents and many are born of normal and healthy parents.

However, even if it were sure that defective offspring would follow, it would be a violation of inalienable rights belonging to the person and, therefore, immoral and unjust to enforce for the good or convenience of others the mutilation or sterilization of one who, though mentally or physically defective, is guilty of no crime.

ALFRED J. ZOLNIERSKI

Buffalo, N.Y.

Sirs:

Well! Just because I have buck teeth do I have to go without a husband?

DORIS PRESTON

Boston, Mass.

Sirs:

It is my opinion that at least nine out of ten instances of buck teeth are caused by thumbsucking in childhood, not by some gradient in the germ plasm.

HAROLD H. JONES JR.

Winfield, Kan.

● Professor Hooton was speaking of hereditary buck teeth, a comparatively rare phenomenon among whites. Orthodontists blame most buck teeth on neither germ plasm nor thumb-sucking but on breathing through the mouth.—ED.

Sirs:

"Hooton of Harvard," in your Aug. 7 issue of LIFE, was grand!

MARVIN A. SALTZMAN

Cleveland Heights, Ohio

Sirs:

Some years ago a distinguished gentleman of the University of Chicago lectured here. In the course of his remarks statistics were cited disclosing the results of an examination of hundreds of inmates of Cook County, Ill., penal institutions. It was apparent that most of these criminals were decidedly inferior members of the human family—physically as well as mentally—and the speaker drew about the same general conclusions as those set forth in your very interesting "Hooton of Harvard" story (LIFE, Aug. 7).

When the speaker, at the conclusion of his formal lecture, stated he would welcome comments and endeavor to answer any questions that occurred to his audience, an elderly lady rather slyly stated that it seemed to her his generalizations applied only to the weaker minority of Cook County criminals. Said she, "You can not measure and test the majority of the perpetrators of crime who possess the physical and mental attributes which enable them to evade capture and incarceration!" No answer! Does Professor Hooton know this answer?

KARL W. GASS

Pittsburgh, Pa.

● He does. It follows:

Sirs:

We studied incarcerated criminals. You cannot pick fleas off a dog before you catch him. The convicts were physically inferior to samples of civilian population drawn from the lower social and economic orders. These civilians possibly included some potential and actual criminals at large. If these could have been removed from the civilian sample the criminal inferiority would have been still more marked. College students (who include, presumably, comparatively few criminals) were vastly more superior in physique to criminals than are our humble civilians (outpatients at general hospitals, beach bathers, firemen, militia men and others). Supposedly sane civilians are even more superior biologically to criminal in sane than to civil insane, but could we eliminate from these putatively sane civilians those who are actually demented (especially the writers of "nuts" letters), the biological super-

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ority of the sane over the insane would be stupendous.

EARNEST A. HOOTON  
Cambridge, Mass.

Sirs:

Purely in the interest of science, I yield this excerpt from an old record. It seems that it was just 30,000 years ago last Friday that one of the early Hootons, noting the decadent trend in the members of his bailiwick, cuffed them into awed silence and delivered himself in part as follows:

*We're going stale without a tail  
To hang from leafy branches;  
A furry skin to sleep warm in;  
Prehensile arms to tour our farms  
And arboreal ranches.  
We used to hone our fangs on bone  
And swing a wicked knocker,  
But now we feed on flower seed  
And only grimace when we're treed—  
We are ready for a rocker.*

The old man's observations were correct but his prophecy fallacious. History repeats. Just as we consider ourselves well rid of a caudal appendage, fangs, shaggy coat, etc., today, so may we with equal satisfaction be rid of their remnants, which we now carry about.

W. WHITWORTH

Ft. Lyon, Colo.

Sirs:

May I call your attention to a penetrating comment on Professor Hooton of Harvard which appears, interestingly enough, in the June issue of the *Harvard Law Review*.

Presented by Professor Max Radin of the University of California School of Jurisprudence, it is a succinct and perhaps more critical and accurate evaluation of Professor Hooton.

Of Hooton's book, *Crime and the Man*, Dr. Radin says: "The style of the book is light, not to say jocose. Professor Hooton is dreadfully concerned lest someone charge him with a humanitarian bias in his investigations. He should dismiss his fears. A mild interest in human betterment is really not inconsistent with the strictest scientific attitude toward the human objects of his study. . . . Besides, Professor Hooton should be on his guard. We are all of us nowadays surrounded by psychologists taking notes. The very vigor of his repudiation of humanitarianism might be taken as the disguise of a philanthropic complex. One cannot be too careful."

AUSTIN C. WEHRWEIN

Madison, Wis.

## Astrology

Sirs:

The article about me and my horoscopes (LIFE, Aug. 7) really turned out to be quite charming and all my friends seem quite delighted with it. There are several technical errors. Since Mr. Paul Draper has the moon in Pisces he cannot at the same moment have the moon in Sagittarius. No, the moon in Sagittarius belongs to Mr. Dudley Field Malone. And Paul Draper's sun is in the Third House, not the Fifth as stated in the same paragraph.

MYRA KINGSLEY

Hollywood, Calif.

Sirs:

Scientists have come generally to admire the excellent, unambiguous reports on scientific progress that appear regularly in LIFE and it comes as a shock to find that LIFE refuses to commit itself on the subject of astrology. I had hoped to find that LIFE would have the courage to say that astrology is one of the biggest fakes and humbugs of our times.

BART J. BOK

Associate Professor of Astronomy  
Harvard University  
Cambridge, Mass.

● LIFE trusts its readers to draw suitable conclusions from the facts presented.—ED.

Sirs:

You list psychiatrists along with the quacks. Psychiatrists are having a tough enough time trying to make the public realize the extent and importance of psychological and mental difficulties. If the money spent in America on such frauds as astrology were used for psychiatric treatment, we would eventually have no need for astrologers, Sally Rand Nude Ranches, or patent medicines.

BEATRICE KERR MORTON  
Salt Lake City, Utah

Sirs:

I once paid \$10 to an astrologist who told me I was easily influenced by Taurus. By the time I learned that the word Taurus meant "Bull" the astrologist had left town. My susceptibility to Taurus partly explains my presence on Tropic Isle.

"BEACHCOMBER" MOORMAN  
Captiva Island, Fla.

## Social Security

Sirs:

My congratulations and appreciation for LIFE's fine handling of Social Security in the Aug. 7 issue.

A. J. ALTMAYER, Chairman  
Social Security Board  
Washington, D.C.

Sirs:

Full credit to LIFE for a showing that "Social Security" can mean more than a swipe at the pay check.

BERNHARD STONE  
San Francisco, Calif.

## Road to Ruin

Sirs:

May I suggest that Governor Dickinson's three "roads to ruin" (LIFE, Aug. 7) began at the girl's home in each case?

I am the mother of a girl and boy—three and six respectively—and intend to raise them as I was raised in regards to alcohol. Apparently the teaching of total abstinence had left these girls completely unprepared to take care of themselves and made little or no impression on them or their behavior. Our children will know what beer, wine and whisky taste like, how much they can safely take and consequently know when to stop when they are old enough to go out alone.

NAOMI HEIGHAM  
Temple Hills, Md.

Sirs:

My heart simply bleeds for Governor Dickinson's poor, they-done-'em-wrong girls. I am shedding bitter tears for the stupid morons who didn't have sense enough not to accept rides and drinks from strange men.

Might I suggest that Governor Dickinson is full of prunes?

LOUISE HAYES

Mesa, Ariz.

Sirs:

I'm glad to see that there is still one person left with sense enough to realize the evils of drink. Three cheers for Governor Dickinson!

DOROTHY PARTINGTON  
Peaks Island, Me.

Sirs:

If a girl consents to being picked up after a movie, it is a reflection on her morals and not on anyone else's.

FRED DABNEY JR.  
Richmond, Va.

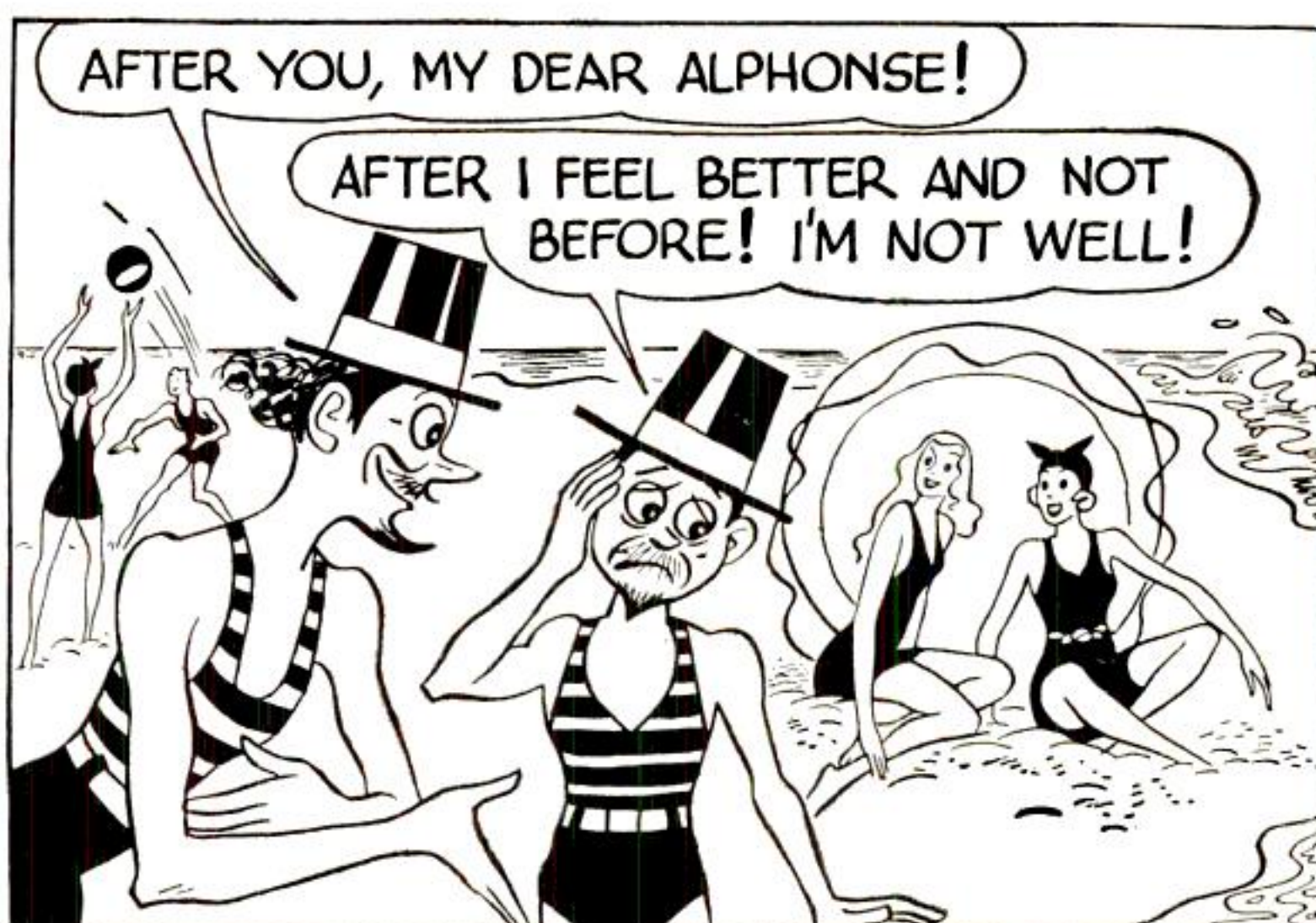
Sirs:

I have just finished the article about Governor Dickinson and am somewhat puzzled by the "Third Road to Ruin." It would seem according to the caption that the elderly gentleman is credited with seducing the young lady in the ballroom.

Might either His Excellency or LIFE's editors know just how this was accomplished.

DOROTHY J. MORRISON  
Lawrence, Mass.

## ALPHONSE AND GASTON AT THE BEACH



Join the "Regulars" with  
KELLOGG'S ALL-BRAN



# SPEAKING OF PICTURES...

...YOUNG FRENCH MOVIE STARS  
MAKE FACES AT HOLLYWOOD

Here contorted beyond recognition are the pretty faces of young French movie stars. This demonstration of what seems to be a native talent for horrific mugging was given before the camera of Isaac Kitrosser, famed French photographer. If the American counterparts of these young ladies ever posed for such unglamorous pictures, it would cost the job of every press agent in Hollywood. The French apparently feel that their beauties do not need the protection of slick glamor photos.

Even without facial contortions only one of them, Danielle Darrieux (left, below), would be recognized by most U. S. movie fans. The French movie industry is better known for its serious dramatic films such as *Un Carnet de Bal* (LIFE, May 2, 1938) and *Grand Illusion* (LIFE, Oct. 10) than for its stars. Until recently such films were the major product of the French industry. Their actors and actresses were recruited from the legitimate stage, more for talent than looks. Since then, for home consumption at least, there has been an



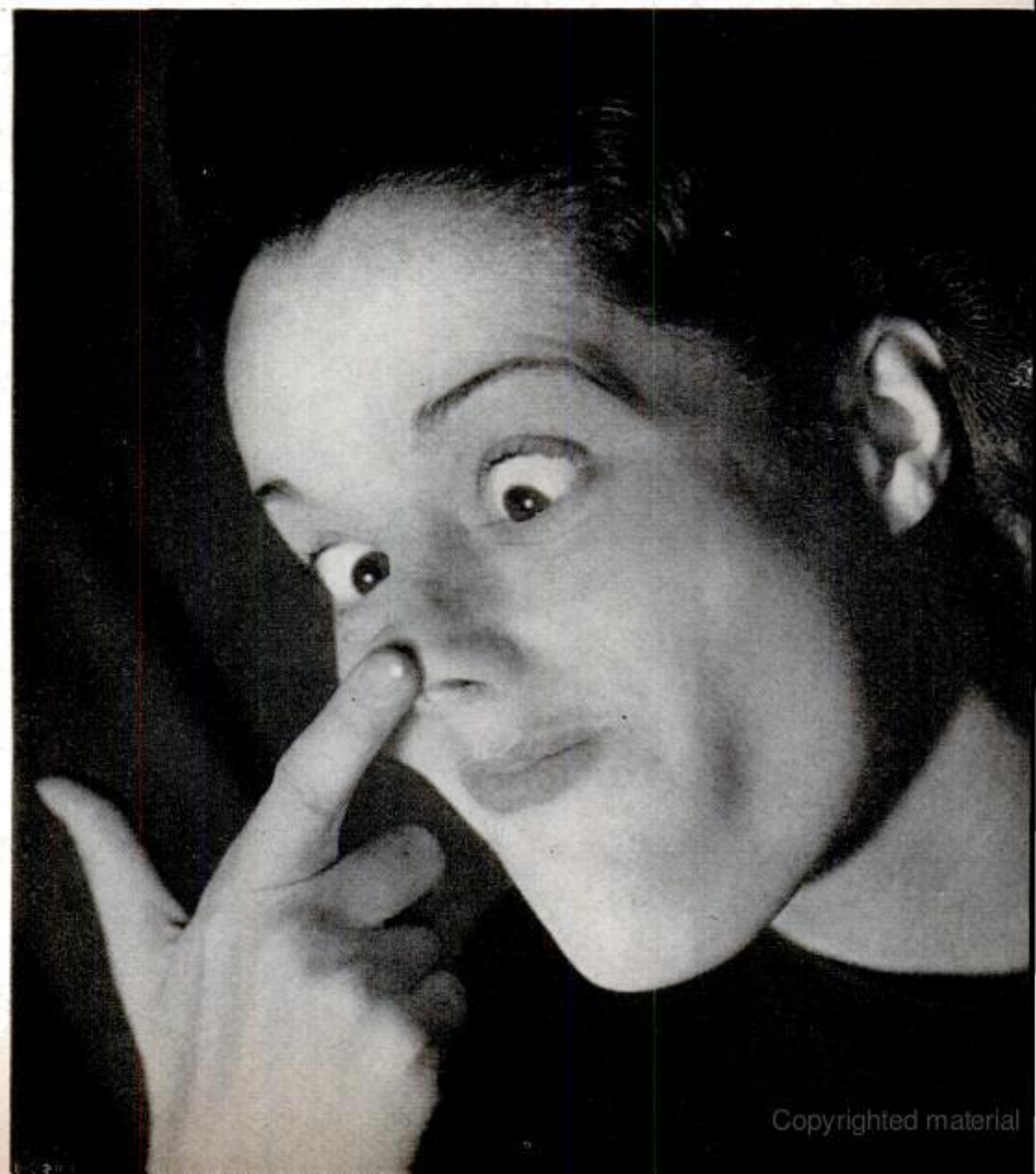
**Danielle Darrieux** contorts her lovely face with special vim because she is currently feeling very bitter about Hollywood. She is suing her U. S. producers to get her contract broken.

**Danielle Darrieux** made her name by vivacious acting in French comic films, but it took her poker-faced performance in the tragedy *Mayerling* to bring her to the attention of Hollywood.



**Michele Alfa** made her film debut last winter. She now has the prospect of stardom in a new film, *Le Corsaire*, with Charles Boyer who helped launch Danielle Darrieux in *Mayerling*.

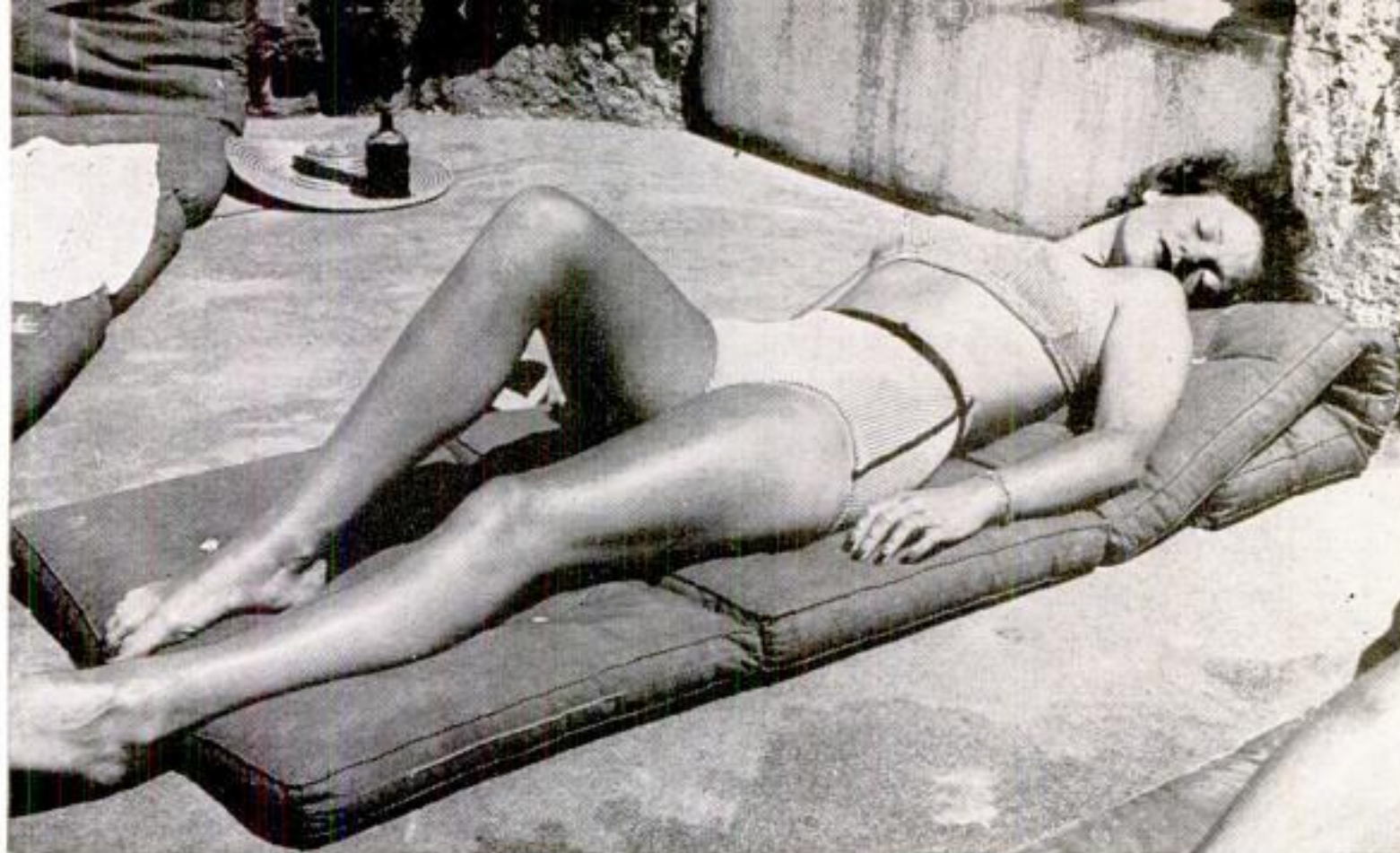
**Denise Bosc** comes by her talent for comic roles naturally, as the daughter of French Comedian Henri Bosc. So far restricted to small parts, she is a discovery of the 1939 star hunt.





increasing number of light films, an increasing demand for youthful looks and talent. Today French cinema is building its own stars. With less tortured expressions, the faces shown here are all familiar to French moviegoers. A few of them, should they follow Milles, Darrieux and Simone Simon (*right*) to Hollywood, may soon be equally famous in this country.

To provide future stars, French producers have recently been aping Hollywood with nationwide publicity hunts for talent. Leading discovery of 1938 was Corinne Luchaire (*lower right*) who reached stardom in *Prison Without Bars* (*LIFE*, March 13). Of the 1939 crop two, Gaby Sylvia and Denise Bosc, may be found below. In developing its future stars the French industry faces one great handicap. As soon as a star is well launched, she is lured away to Hollywood with fatter contracts. So far, however, Hollywood had no great success with its acquisitions. The two most famous importees, Darrieux and Simon, are back in France making faces at the Hollywood producers.



SIMONE SIMON HAS RETIRED TEMPORARILY TO A VILLA AT NICE



**Marie Glory** is a French Rosalind Russell, a talented actress who has made unsensational successes in varied roles. Getting older, she is switching from ingénue to heavier dramatic roles.

**Gaby Sylvia** in her first year has appeared in three films and is well started on her career. Gaby, a first name so far overlooked by Hollywood, is popular among French actresses.



**Annie Vernay** had her first big part in a film shown in the U. S. last year as *The Lie of Nina Petrovna*. In her next picture, *Dédé de Montmartre*, she has a gay time in Paris' Luna Park.

**Corinne Luchaire**, fifth in French box-office popularity, was introduced to the U. S. last spring as frightened ingénue in *Prison Without Bars*. For her normal expressions see the next page.





# Up and at 'em in 2 hours ... thanks to Sal Hepatica



Jack was going to wow the world—his little suburban world, anyway—with his golf, this morning. But after last night's party and the way he's feeling now, he'll get the consolation prize unless...



Yes, here's Mrs. Jack to the rescue with a glass of sparkling Sal Hepatica. You see, Sal Hepatica helps two ways.



First, Sal Hepatica's an especially quick-acting laxative—yet gentle, too. Second, it counteracts excess gastric acidity—chases that sickish feeling *pronto*. Soon after breakfast...



Jack is all ready for his golf date—and not a care in the world!

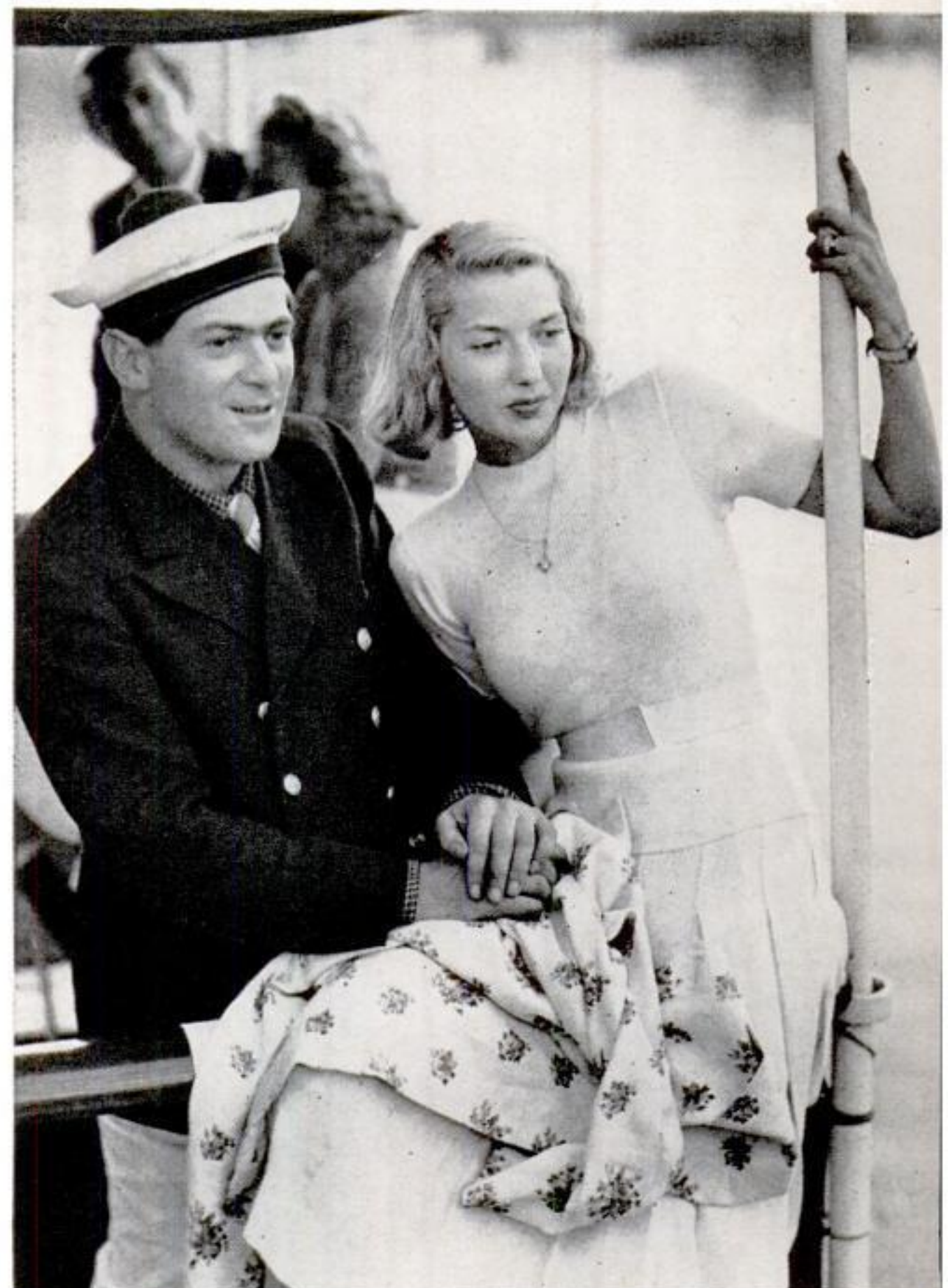


**SAL HEPATICA**  
the laxative that's speedy  
yet gentle

TUNE IN! "What's My Name?"—It's new, it's fun—Wed. at 9 P. M., E.D.S.T.

## SPEAKING OF PICTURES

(continued)



Corinne Luchaire has become in one year a favorite of French movie fans and English nobility. Here she is the guest of Lord Stanley of Alderley aboard his yacht.



Anglo-French relations were furthered by Lord Stanley who carried on his yachting cruise, besides Mlle. Luchaire, the British and French parliamentary tennis team.



## CONTENTS

### THE WEEK'S EVENTS

Germany Unmasks its Heaviest Artillery to Cow Poles . . . . .	9
LIFE on the Newsfronts of the World . . . . .	14
A 1940 Census Taker Gets a Practice Workout . . . . .	15
Corset Steals Show as Paris Exhibits Fall Fashions . . . . .	16
Police Hunt Saboteur in Wreck of Streamliner . . . . .	18
People in the News . . . . .	20
Lily Pons and Her Husband Draw Big Summer Music Crowds . . . . .	22

### PHOTOGRAPHIC ESSAY

Pictures from the U. S. Army Signal Corps . . . . .	46
---	----

### ART

California Naval War: 1847; by Franklin D. Roosevelt . . . . .	42
Modern Artists Paint Still Lives . . . . .	24

### MODERN LIVING

Right and Wrong Clothes for Boys and Girls . . . . .	27
--	----

### MUSIC

Sister Tharpe Swings Same Songs in Church and Night Club . . . . .	37
--	----

### MOVIES

The Problem of Hedy Lamarr . . . . .	38
--------------------------------------	----

### SPORTS

Alice Marble Performs for High-Speed Camera . . . . .	56
---	----

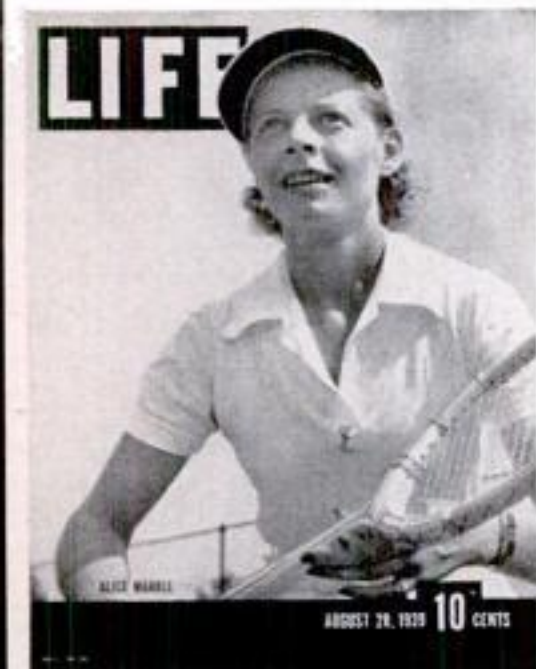
### SCIENCE

Auto Industry Adopts Sealed-Beam Headlights . . . . .	60
---	----

### OTHER DEPARTMENTS

Letters to the Editors . . . . .	2
Speaking of Pictures: French Movie Stars Make Faces . . . . .	4
LIFE Goes to Life Camps . . . . .	62
Pictures to the Editors . . . . .	66

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**LIFE'S COVER.** With Helen Wills Moody in retirement, the No. 1 U. S. woman tennis player is 26-year-old Alice Marble. She has won every tournament she has entered this year, is top-heavy favorite to win again in the National Championships, Sept. 7, at Forest Hills. When not playing tennis, Miss Marble works as a night-club singer or a dress designer. In fact, she herself designed the famous shorts which she wears on the courts. Her ultimate ambition is to go into movies. For fast-action pictures of Alice hitting a tennis ball, turn to pages 57 to 59.

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We prepare Heinz Tomato Ketchup from Heinz aged-in-wood Vinegar, piquant seasonings and gorgeous "aristocrat"

tomatoes raised from Heinz pedigreed seedlings. And we cook it the meticulous, old-fashioned way to capture that unforgettable flavor and haunting aroma that take you back down memory lane to a farm kitchen at ketchup-making time.

Keep a bottle of economical Heinz Tomato Ketchup on the dining table—another handy in the kitchen to highlight your hash, stews and gravies with tempting zest!

# Heinz TOMATO Ketchup



Heinz  
57 Beefsteak  
Sauce

Heinz  
Chili  
Sauce

Heinz  
Worcestershire  
Sauce



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San Francisco  
Exposition and  
the New York  
World's Fair!





A BATTERY OF BIG NEW GERMAN MORTARS GETS READY TO FIRE WITH THE GUNS POINTING AT A 65° ANGLE. GUN CREWS LIE PRONE TO AWAIT SHATTERING REPERCUSSION

## GERMANY UNCOVERS ITS HEAVIEST ARTILLERY TO COW NATIONALIST POLES

Last week in Europe ten million men slept on their rifles, ready for the possible outbreak of a Second World War. This was over twice the number of men mobilized *after* the actual outbreak of the First World War. Without bothering to announce formal mobilization, Germany had more men under arms—2,500,000—by the end of the week than any civilized country has ever before had in peacetime. For the second time in a year Adolf Hitler had all Europe squirming in a titanic “war of nerves.” For the

fourth time in his brief career he was trying to pick the fruits of victory without having to fight for them. This time it was Poland that was being subjected to the same kind of pressure which eventually obliterated Czechoslovakia and this time the prize Hitler demanded was the unconditional return of Danzig and the Polish Corridor to the Reich.

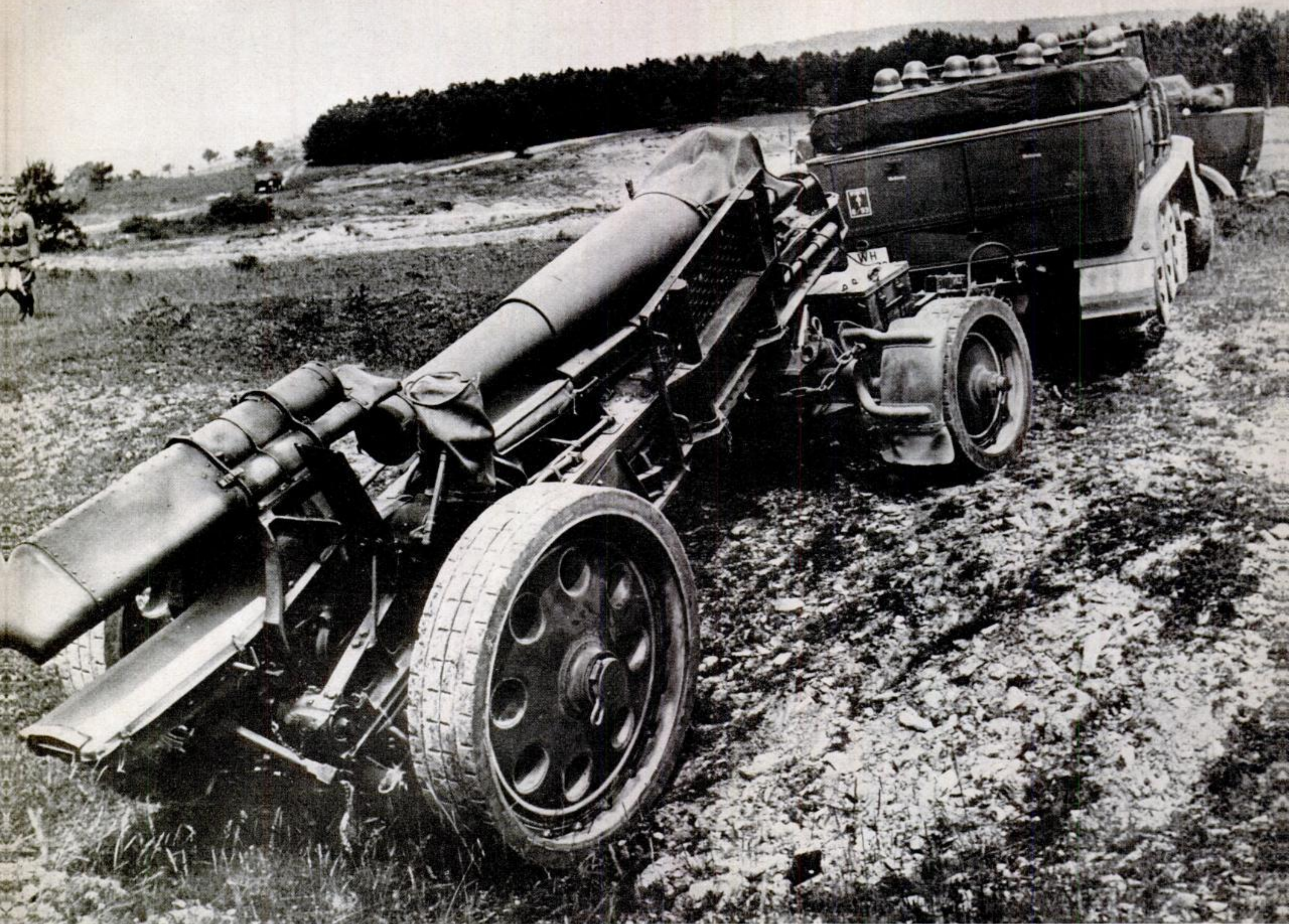
In Germany the press churned itself up into a frenzy over “atrocities . . . provocations . . . waves of terror” committed by Poles against Germans. It told lurid tales of German “refugees” fleeing across the German-Polish border. It warned that only a “German solution” would satisfy Germany and that the time for negotiation was past. As a deadline for that solution, press reports named Sept. 2 when the Nazi Congress opens at Nürnberg. But Hitler makes a speech in which he may announce war or peace on Aug. 27 at Tannenberg, scene of the great German victory in 1914 close to the present Polish frontier.

This propaganda campaign was followed up by vast military preparations as part of the “White War” which Hitler is waging to frighten the Poles. To

the west he moved crack fortress troops into the Siegfried Line, facing France and England, should they come to Poland’s aid. To the east, he massed war supplies, guns, and troops with cloth tabs sewn over the regimental numbers on their uniforms to hide their identity. These dispositions placed Hitler’s army on Poland’s northern and western borders. To squeeze Poland from the south, he next sent his troops headlong into the German protectorate of Slovakia, thus ending in five months its independence which he had guaranteed for “25 years.” This maneuver also increased Germany’s ability to tighten the screws on its recalcitrant ally, Hungary.

As part of this tremendous attempt to break the morale of the intensely nationalistic Poles, the German War Ministry released the pictures of the Reich’s heaviest artillery. Published here for the first time, this equipment is so new and secret that its actual mechanism, range and firing power is a mystery to military experts outside the Reich. How impressed the Poles would be at the sight of such guns on their borders remained as great a mystery.





**For cross-country travel**, this huge German mortar is towed by a special tractor-truck in which eight of its gun crew ride. It is being taken into position near the woods in the background.

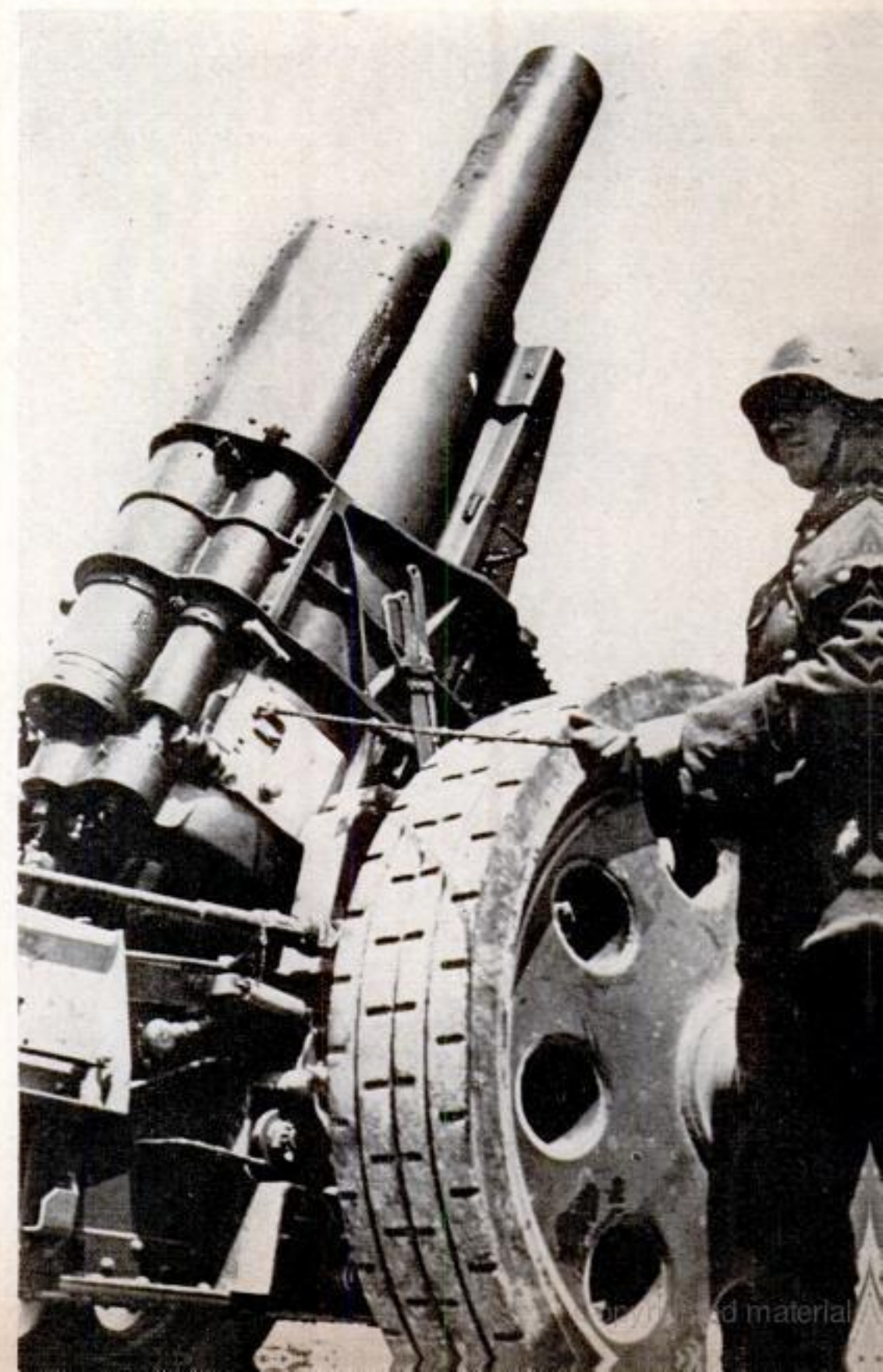
The exposed mechanisms of the gun are covered with canvas and the gun is slid back behind its cradle. The small "eye," visible on each hub-cap, is to hold the lines that the men pull

when gun carriage gets stuck in mud. Guns like this are now being sent to Polish border, ready to open fire on Poland's concrete and steel fortifications guarding Silesia's industrial areas.

**The gun barrel is pulled** into its cradle by the heaving gun crew, which has already had to pull the gun by hand into exact position by the wood. Gun weighs five tons.

**A 240-lb. high-explosive shell** is rammed into breech by three cannoneers. Gun fires one shell per minute. Note that German military censor has erased markings on shells & guns in all these pictures.

**The gun is fired** when cannoneer No. 1 pulls the lanyard which trips firing mechanism. This ignites a primer in the breech and sets off some 25 lb. of powder that is packed in silk bags behind the shell.







Four German railway guns undergo tests at a railway siding. Artillery like this would be used to shell Polish depots, railheads and crossroads far behind the lines. Each 8-in. gun is towed

by a Diesel locomotive. The gun in the foreground has been pivoted on its railway car and the car has been braced with jacks to keep it from tipping over when gun fires. As a gun-

ner works the elevating wheel in the front of the mount, three men bring up powder charges. The guns in the background are more powerful, will shoot 210-lb. shells more than 15 miles.

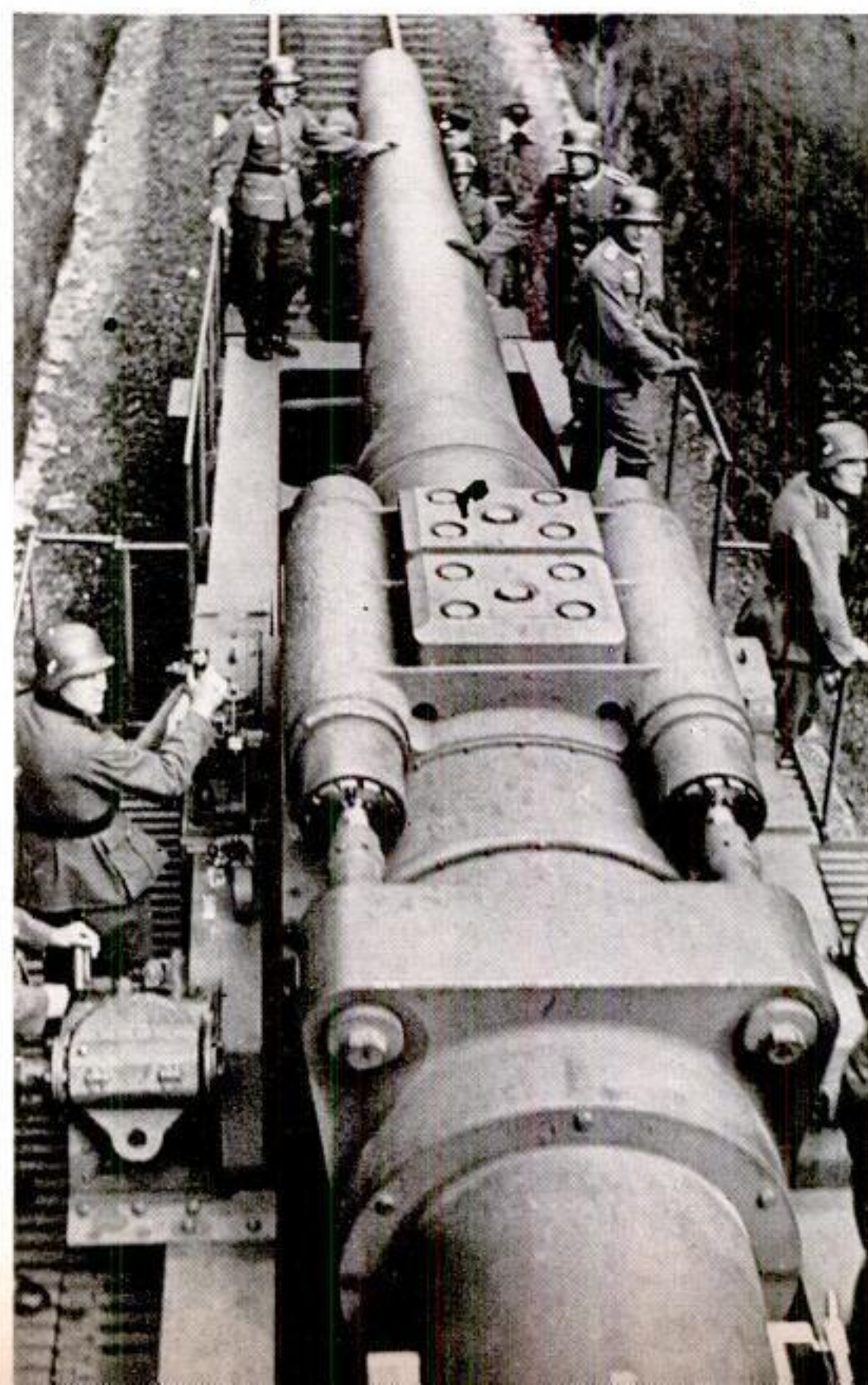
## GERMANY'S HEAVY GUNS ARE THE MOST MODERN IN EUROPE

The power and mobility of the German Army is the result of an ironic trick of history. Reduced to impotence by the Treaty of Versailles, Germany now enjoys the advantage of having been literally forced to build brand-new equipment from the ground up when Hitler started re-arming in violation of the Treaty six years ago. As a result Germany, unlike France or Poland, is not burdened with obsolete war matériel.

This advantage is graphically illustrated by these new pictures of Germany's most recent mortars and railway guns. The mortars (*opposite page*) are improved versions of the 210-mm. mortars that Americans remember from the War. For their type the railway guns have the longest range in the world.

The purpose of these mortars is to destroy prepared artillery positions, entrenchments and permanent fortifications. They can lob a 240-lb. shell more than two miles up in the air to hit a target about three or four miles away. The shell drops almost vertically like a giant pile driver, and its supercharge of high explosive exerts a destructive force equivalent to that of a land mine.

This huge 12-in. railway gun fires a 700-lb. shell over 20 mi. at the rate of one shell a minute. Seen from top to bottom are muzzle, two recoil-mechanism cylinders and breech. Gun is manned by 35 men.



Heavily camouflaged, this 12-in. gun is ready to fire from a wood that screens it from enemy planes. Each time the gun is loaded it must be returned to level position.







**Jozef Pilsudski**, father of modern Poland, looked like this when he led the Polish Legion during the War and fought Russia, Germany, and later Soviet Russia. Having driven out his enemies, he bossed Poland almost continuously until he died in 1935.



**Legionnaire Edward Smigly-Rydz** (above) followed Pilsudski through the War. As Poland's boss today, he is set to preserve his country's independence for which he fought. Legionnaire Jozef Beck (below) is Poland's Foreign Minister and No. 2 man.



(continued)

## NATIONALISM AND "GENERAL MUD" ARE ON POLISH SIDE

**M**odern Poland was an army before it became a state. For a century and a half it was carved up between Prussia, Russia and Austria. The World War gave Poles their chance to emerge as a sovereign people. Led by Jozef Pilsudski, whose mother brought him up on tales of Poland's by-gone greatness, a Polish Legion was organized. It grew from 300 to 14,000 men. At first it fought with Austria against Russia. When Russia went out of the War, the Polish Legion turned on Germany and by 1919 Poland had become free and independent. To preserve that freedom, it later had to fight the Bolsheviks for one bloody year in 1920.

The Poland of today is still the Poland of the Legion. It is one of Europe's most nationalistic states. When Pilsudski died in 1935 he passed his power along to two younger Legionnaires—Edward Smigly-Rydz, Inspector General of the Army, and Jozef Beck, the Foreign Minister. True Poles, they are more concerned with nationhood than with democracy. Democracy means little to a government which stabbed the Czech democracy in the back a year ago by joining Nazi Germany in its par-

tition. Typically, Smigly-Rydz addressing Legion veterans at Cracow on August 6 said: "Poland will resist with all her means any attempt to violate the interests, rights or dignity of our State."

Faced with Hitler's desire to expand at Polish expense, Poland has mobilized 1,000,000 men, some of whom are shown on opposite page. If war comes, its army would probably fight a retreating action, trying to hold off the Germans pressing upon it from north, south and west. It would seek to make Germany's invasion as costly as possible, until its allies, Britain and France, could pester Germany from the West.

For such a defense Poland's army is well adapted. It relies chiefly on infantry, cavalry and horse-drawn light and medium artillery. This is logical for a land of 34,000,000 people with bad roads, few concrete bridges but 4,000,000 trained reserves and 4,000,000 horses.

Poland can also count on help from "General Mud," a natural ally which would seriously hinder the march of any invader. The country's countless dirt roads become muddy ruts after rainstorms and Poland normally has 175 days of bad weather each year.



**Marshal Edward Smigly-Rydz** is shown here with his wife at their home in Warsaw, without his wartime whiskers. Pilsudski chose him as his successor in 1935. Before joining the Legion

he had studied art. On becoming Marshal in 1936, he changed his name from Rydz-Smigly to Smigly-Rydz. He had acquired "Smigly," meaning "nimble," as an alias while in the Legion.





**The Poles love cavalry** because it has served them well in the past and is well adapted for rapid movements over the rugged Polish plain, flattest country of its size in Europe. These squadrons of Polish cavalry, wearing old French-style helmets and carrying lances, rifles and sabers are

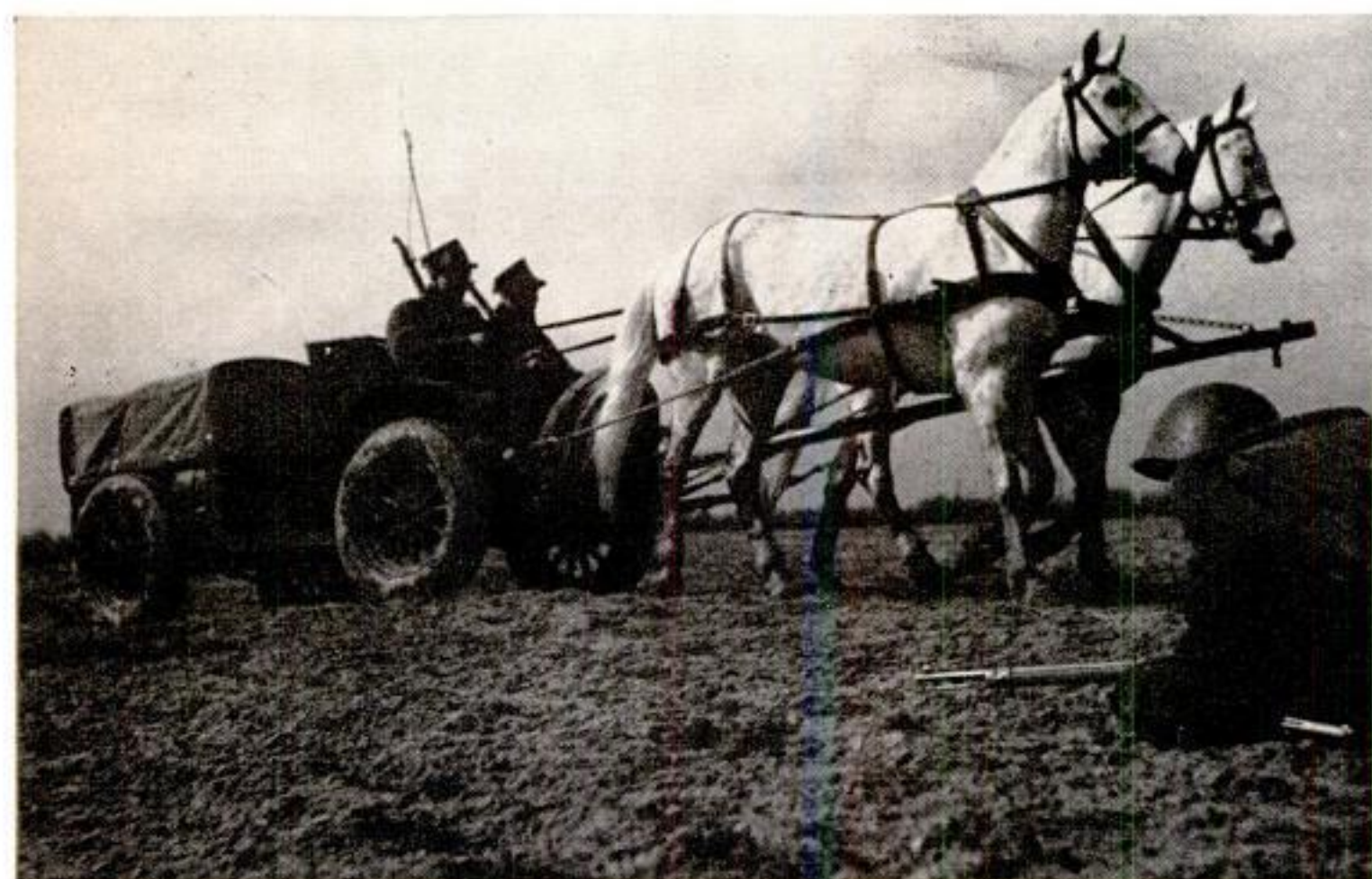
the type that will meet any invader. Under actual wartime conditions, however, riding a white horse would be suicidal as the horse could be easily spotted from a distance. Feeding horses in war is always a difficult supply problem. Cavalry in large numbers cannot live off the land.



**Bomber crews** check orders and adjust watches so that they will dovetail. Poland has 1,500 good first-line planes, Polish-built with motors of foreign design. Plane in background is twin-engine PZL P-27, which stands up in speed, bomb load and range with German bombers.



**This group of 220-mm. mortars** fires heavier shell for a longer distance than the German mortars shown on the previous pages. These guns are so big that they are carried in separate sections. In the foreground is the gun crew, then the gun, then the cradle, then the platform.



**"General Mud" is Poland's ally**, as this picture of a horse-drawn ammunition wagon with its pneumatic tires caked with mud shows. Mud ruins supply services of armies, whether horse-drawn or motorized, but since Germany would be attacking Poland, mud would harm it most.



**A company of light 6-ton tanks**, built in Poland on English Vickers design, lines up for inspection. This is the same type of tank that performed well in Spain and Manchukuo. Poland has about 600 tanks. Germany's tank strength is unknown but is probably more than 2,000.



# LIFE ON THE NEWSFRONTS OF THE WORLD

## Ham Fish plays "Innocents Abroad"; Generals call for bigger U. S. army; Mr. Willkie sells out

Like those of Britons and Frenchmen, Americans' nerves have hardened against the rolling threats of Hitler's "war of nerves." Last week, though Hitler was massing his words and batteries against stanch Poland with renewed menace (see pp. 9-13), Americans, including official Washington, kept notably calm. In striking contrast was the behavior of Congressman Hamilton ("Ham") Fish, enacting his own version of *Innocents Abroad*. A Republican who represents Franklin Roosevelt's own New York district, "Ham" Fish has been the loudest if least effectual critic of the President's every move to weight American influence for European peace. Time & again he



FISH

had sounded off, denouncing Roosevelt, demanding 100% isolation and crying for "an end to all this war talk and hysteria"—all from this side of the water. Last week, as chairman of the U. S. delegation to the annual meeting of the Inter-Parliamentary Union, Mr. Fish was in Europe and appeared to have undergone an astounding metamorphosis. "My impressions of Europe are terrifying," he clarified in Oslo after interviews with French, British and German foreign ministers. "I believe we can expect war at any moment." Far from insisting on perpetual U. S. neutrality, the onetime Harvard tackle announced that America would fight if the British fleet were defeated. Taking a back-flip off his isolationist perch, Congressman Fish personally took the lead in proposing a 30-day "truce" during which the Powers' foreign ministers would meet "to see if there is a way out." Coldly the president of the Norwegian Parliament rejected "Ham's" proposal, declaring that no such international conference could be effective without the American co-operation which Mr. Fish has hitherto so ardently opposed.

**Britain Says "No."** For many a month Britain has been handicapped in standing up to Japan for fear of what Germany might do. Last week, however, apparently more certain than heretofore that it could handle Germany, England stood up to Japan's demands in the diplomatic parleys in Tokyo concerning Japan's blockade of the British Concession at Tientsin. When asked if Britain would: 1) give Japan \$37,500,000 worth of Chinese currency blockaded at Tientsin and 2) prevent Chinese currency from circulating in the Concession, British Ambassador, Sir Robert Leslie Craigie, bluntly answered "No."

Any discussion of Chinese currency, the British held, must include other Nine Power Treaty signatories. As this would involve France and the U. S., neither of whom is on good terms with Japan, such a conference seemed unlikely. Much more likely was the complete breakdown of Anglo-Japanese talks and an increase in anti-British demonstrations by Japan.

**Guns without Men.** As the new War Resources Board met in Washington last week (see p. 20), and factories throughout the land were busy filling orders for planes and munitions in President Roosevelt's Rearmament program, the nation received a sharp professional opinion that its preparedness program is being neglected on one very important front: manpower. Around Plattsburg, N. Y., 52,000 troops of the First Army

were assembled for the biggest peacetime war maneuvers in American history. They looked impressive to a layman but their commander, Hugh A. Drum, recently upped with the commanders of the U.S. Army's three other field armies to the temporary rank of Lieutenant General, was far from satisfied. Bristling his new three stars, General Drum cried: "Of what value are modern munitions without man-power, organized and trained to operate them?" The First Army, he declared, is only a shell of what a real field army should be, woefully short of men, staff, equipment and training, meeting for maneuvers only once every four years, and then only for two weeks. Only with more men and much more training, he concluded, can America have what he and like-minded Army officers believe it should have: a crack force ready to take the field overnight, hold the lines until a civilian army can be organized and trained. Arriving home from France on Aug. 17, General of the Armies John J. Pershing heartily seconded his Assistant Wartime Chief of Staff's opinion, declared: "The American Army is inadequate. The permanent Army should be increased."



DRUM

**Peace in the Valley.** The historic, six-year war between the New Deal and the Utilities in the Tennessee Valley came to an end on Aug. 15 in a New York bank. In three-hour ceremonies, huge Commonwealth & Southern Corp. turned over all properties of its subsidiary Tennessee Electric Power Co. to TVA and its allied municipal and co-operative power companies for \$78,000,000. Thus the whole State of Tennessee becomes the exclusive domain of Public Power and the New Deal now has a full-sized "yard stick" to measure the justice of utility rates in other parts of the nation. Though he was surrendering the battlefield, Commonwealth & Southern's President



WILLKIE

Wendell Willkie felt jaunty. He was getting far more than the New Deal had first offered for the properties (though only four-fifths of what he thinks they are worth), and in the long fight he had ably publicized both himself and the cause of private enterprise vs. Government-subsidized competition. "This is sure a lot of money for a couple of Indiana farmers to be kicking around," cracked he as TVA's David Lilienthal handed him a check for \$44,728,300, TVA's share of the purchase price. Chairman Lilienthal in turn asserted that its \$4,500,000-per-year income from the new properties would make TVA self-supporting by 1946 or 1947, rejoiced that TVA is now free to proceed with its major purpose of developing by plan all the human and economic resources of the Valley.

Four days later Mr. Willkie, pointing to "the generally more favorable attitude of Congress and other legislative bodies toward business," announced that Commonwealth and Southern would do an extra \$16,000,000-worth of building this year in addition to its regular \$33,000,000 construction program.

**Immoral Nazis.** Loud Chairman Martin Dies and his special House Committee to Investigate Un-American Activities, starting their second-year run, last week produced the peewee American Nazi movement for a curtain raiser. Star performer of the week was a buxom 19-year-old Brooklyn girl named Helen Vooros. She said she had been made a leader of the German American Bund Youth Movement to succeed a girl who had caught pneumonia staying up all night to protect girls from boys in the Bund's camp at Andover, N. J. The boys' and girls' tents were only 20 feet apart, she said, and the boys and girls were constantly "doing things they shouldn't." When complaints reached the camp leader, he told the young Bunders "not to curb their natural instincts" but to "go some place where people can't see you." Later, she said, when she and 29 other Bund Youths were taken to Germany for a course of Nazi training, this same leader was caught on the boat misconducting himself with a 17-year-old girl. As for herself, "the leaders wouldn't let me alone—it disgusted me."



VOOROS

**Abstraction.** For the week's most heroic if misguided attempt to translate an abstract news event into pictures, LIFE sympathetically awards the palm to the news-service producer of the composite photograph at right. On Aug. 14 President Roosevelt announced that because merchants want a longer shopping period between Thanksgiving and Christmas he had decided to move Thanksgiving up from the traditional last Thursday in November to the next-to-last (this year from Nov. 30 to Nov. 23). The picture-maker's idea was to show that among State Governors, who make individual proclamations of the holiday, Democrats were generally falling in line with the proposal, Republicans were opposing it. It was beyond him, however, to show that by last week's end three Democrats had balked, six Republican Governors agreed.



THANKSGIVING RACE

### PICTURE OF THE WEEK

In 1940, in accordance with Article I of the Constitution, the U.S. Government will take its decennial census of the nation's population. To try out new questions to be used in this mammoth statistical job, the Bureau of the Census began Aug. 15 taking a test count of two "typical" counties in Indiana. Sample census forms listed 36 questions to be answered for each family. To ask them the Bureau sent 158 enumerators into the field. To count 130,000,000-odd Americans next year 142,000 enumerators will be employed. The picture opposite shows Seymour Weiss questioning Mrs. George B. Townsend of South Bend. Only ten of her 14 children are shown. Enumerators get paid 4c per name in urban areas. Gross on Townsend job: 64¢.





A 1940 census taker gets a practice work-out in South Bend, Ind.





**Mainbocher evening gown** is worn over Mainbocher corset at the right. Note ample bosom and full hips.



**Mainbocher's corset** comes up to the bosom, ends where the hips begin so hips will look fuller. Boning prevents model from bending.



**Schiaparelli's bottle dress** in "hot orange" velvet resembles her perfume containers. Wild shades for evening were numerous.

## A CORSET STEALS THE SHOW AS PARIS DRESSMAKERS EXHIBIT FALL FASHIONS

**A**lthough most Frenchmen and their wives last week were concerned mostly with threats of impending war, the great army of Parisian workers in the French dress-making industry took no heed of war scares and from Aug. 1 to 8 presented the most brilliant collection of fall and winter fashions seen in several years.

Surprise of the openings was the fact that Schiaparelli, who usually steals the limelight with some highly imaginative bit of nonsense, was pushed off stage by Mainbocher's tight-waisted, hip-length corset (*above*). Ever since January there has been loud chatter on both sides of the Atlantic about tight waists and back-laced corsets (*LIFE*, June 12). But Mainbocher's creation was a bombshell which made the front pages of the U. S. press when Sophie Gimbel of Saks-Fifth Avenue blurbled it to news reporters on her return to New York.



**Ethel Frankau**, for 20 years buyer for Bergdorf-Goodman, views the Vionnet collection. Model above replaced one who fainted.



**Sophie Gimbel**, prettiest U. S. buyer, bought 95 originals for Saks-Fifth Avenue, vows she will wear a Mainbocher corset.



**John Magnin** of San Francisco has been attending Paris openings for 44 years. Four assistants buy for his stores.





**Balenciaga**, who launched bustle last spring, now stresses front interest, as in the red dress above with black bodice and apron.



**Molyneux suit** with flaring black-velvet skirt and snug-at-waist broad-cloth jacket with two high pockets was bought by Hattie Carnegie.



**Vionnet suit** has green-wool dress, cherry belt, hooded-beaver jacket. Bought by Bergdorf-Goodman.

Equally popular were Mainbocher's full-bosomed, hippy evening gowns worn over this same corset. Many other silhouets were seen in the 4,000-odd models viewed at the 20 important houses. The tight waist was the one recurrent theme.

The models on these pages are typical of several thousand bought by U. S. buyers. All of them were shipped to the U. S. on the same day, will not arrive until the *Normandie* reaches New York on Aug. 28. It will then take four to seven days to clear the outfits through the customs. There they are tagged with lead seals to show they are entering the country in bond. Eventually they must be shipped out again. Heretofore the originals have been re-sold in France. This year, France has put a heavy duty on the re-entry of models. Sophie Gimbel hazards the guess that after copies have been made, these gorgeous originals may be dumped into the ocean.



At Mainbocher's Salon showings are well organized. Chairs are reserved for invited guests, and no last-minute crashers are admitted. Group above shows mostly buyers for U. S. manufacturers.



**Hattie Carnegie** greets a friend at Schiaparelli's while Mrs. Edna Woolman Chase, *Vogue's* editor, takes notes. Press representatives usually view the collections day before the buyers.





In Humboldt River canyon, 250 mi. east of Reno, Nev., the wrecked streamliner *City of San Francisco* sprawls across

broken bridge in river bed. Rearing toward the clouds is the Pullman *Chinatown* in which many of the dead and injured

were asleep at time of crash. Most of the victims were in the center cars, which tangled with the girders of the bridge.

## WESTERN POLICE HUNT SABOTEUR IN WRECK OF NEW STREAMLINER

**G**-men and railroad police combed western States last week for the murderer of 23 people, the skillful saboteur who on the night of Aug. 12 moved a rail section on Southern Pacific's tracks east of Reno, Nev., and sent the westbound super-streamliner *City of San Francisco* hurtling to destruction in a Humboldt River canyon. So artfully had the agent done his work that contact on the block signal cable between the tracks was unbroken (*right*), the fatal displacement concealed by tumbleweed from view. At 60 m.p.h. the *City of San Francisco* tore into the steel-beamed bridge. Seven cars plunged to the river bed below, crumpled like pasteboard cartons. Of the 23 killed, twelve were employees, eleven passengers. Injured: 114.

In Washington the ICC at once began studying the nation's first great all-streamliner wreck. Railroad men hoped the tragedy might illuminate the question: which affords greater passenger protection, old-style 80-ton plated cars or new aluminum alloy and chrome-steel types? Advocates of the latter cited the great tensile strength of new light alloys, the ability of lightweight stock to halt quickly without shock. Others declared that in the wild snap-the-whip of the derailed cars at the Humboldt River, old-type heavy stock would have suffered less in contact with the bridge. Many held that in either case the margin of protection did not vary more than 10%.



Sabotage was effected by moving rail out of line. Tie plate and signal cable at left show angle of displacement.



Engineer Edward Hecox had operated the streamliner since it started the Chicago-San Francisco run in 1938.





**Waiting for the rescue train,** survivors sat all night on luggage beside tracks. Companion of two girls in left foreground

was killed. Unhurt passengers tore up their clean clothes to make bandages. Single doctor aboard train worked tirelessly,

fitting tourniquets and rough splints on injured. Not till ten hours after wreck did the rescue train come for survivors.



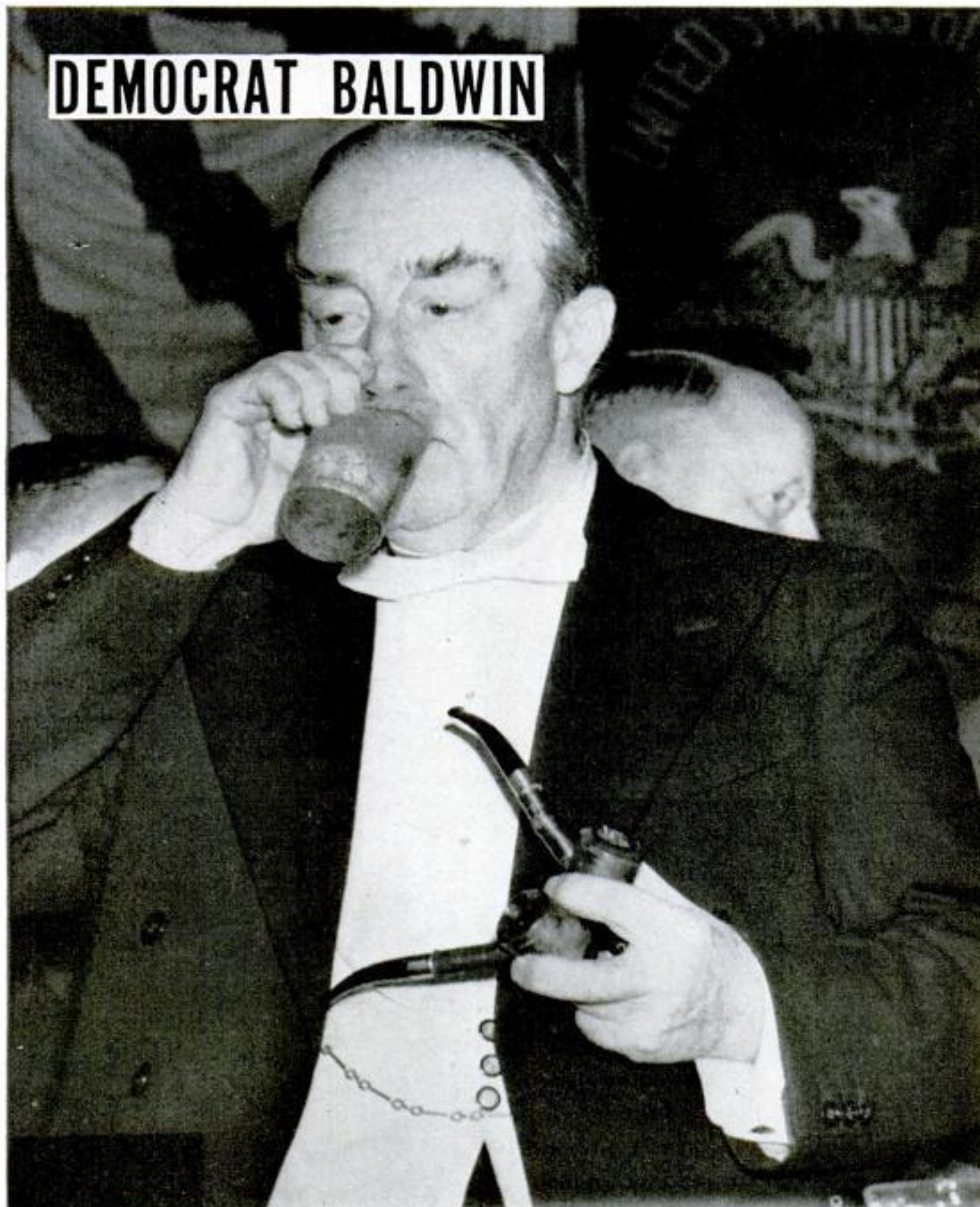
**Seventeen cars** lie strewn across landscape. At upper left are locomotive and front cars which crossed bridge. Seven piled up in canyon, taking greatest toll of lives. The rear cars escaped serious damage.



**Diesel-powered locomotive** and front cars miraculously clung to the rails, careened across the bridge and halted right side up in cut on the western bank of river bed.

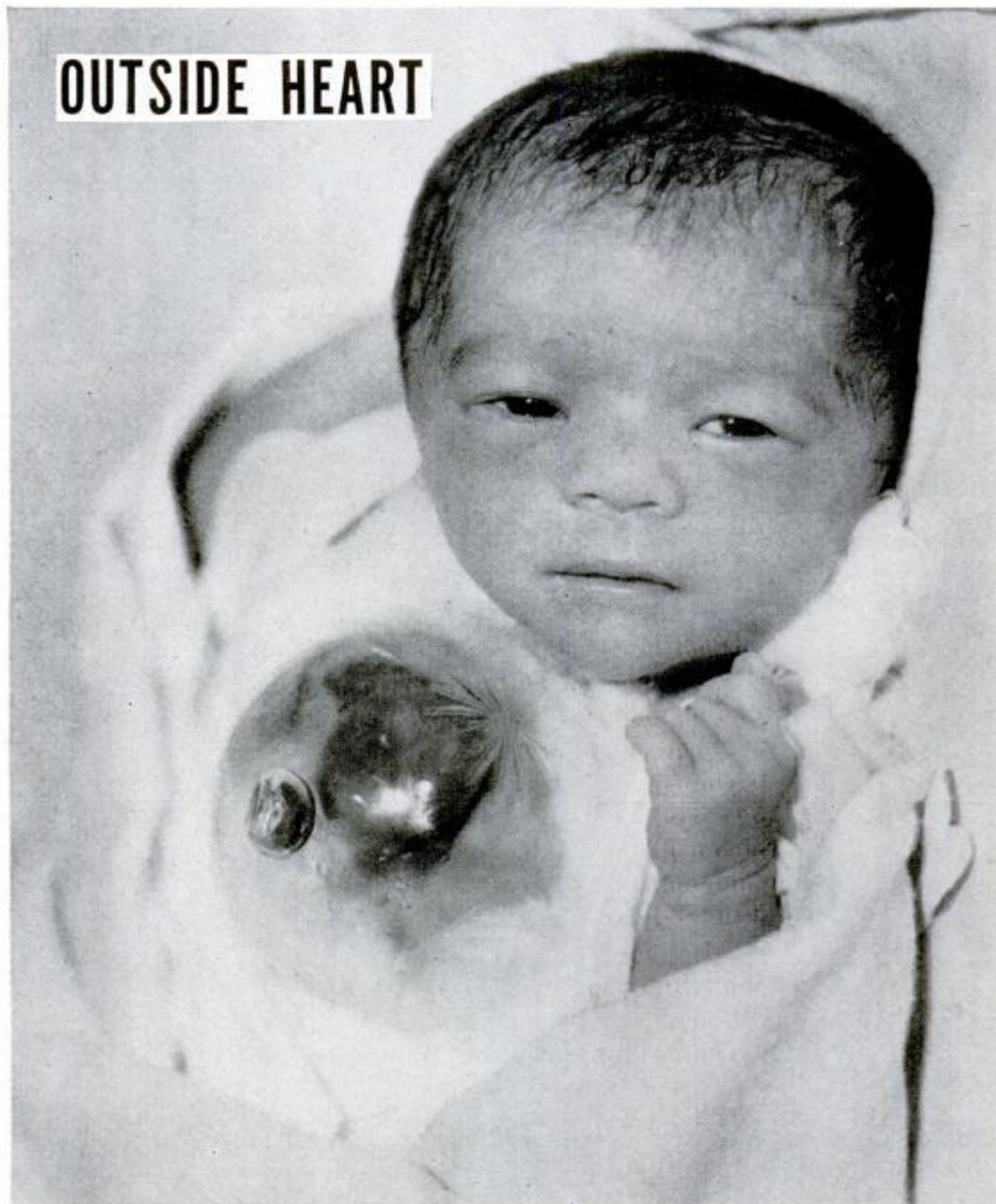


## DEMOCRAT BALDWIN



**Earl Baldwin of Bewdley**, famed for smoking a pipe at white-tie affairs, keynoted the Congress on Education for Democracy at Columbia University, Aug. 16. The ex-Prime Minister of Great Britain smoked one cherrywood, carried a spare, sipped his Scotch & soda.

## OUTSIDE HEART



**María Corazón Rafael** was born in a Manila hospital Aug. 8, her heart resting outside her body over a tiny hole in her chest. Surgeons covered the exposed organ with a stemless cocktail glass (*above*), debated an operation. Seven days later, little María Corazón died of pneumonia.

## WAR BOARD



**In Washington** members of the new War Resources Board held their first meeting in strict secrecy Aug. 17. Their task in wartime will be to supervise production, labor, financing of all U. S. industry. Their hurried assembly did not indi-

cate, said Assistant War Secretary Louis Johnson, "that war is immediate or inevitable." Present were: (*sitting*) Dr. Harold Moulton of Brookings Institution, Assistant Navy Secretary Charles Edison, Chairman Edward Stettinius

Jr. of U. S. Steel, Mr. Johnson; (*standing*) Commander A. B. Anderson, Admiral Harold Stark, Dr. Karl Compton of M. I. T., John Lee Pratt of General Motors, Army Chief of Staff George C. Marshall, Col. H. K. Rutherford,



## BABS & PRINCE



Prince Carlo Maria Michele Cristoforo Antonio Luigi Adolfo Emanuele Gabriele Lupo Baldassarre-Aroldo Cito Filomarino di Bitetto and Countess Barbara Hutton Mdivani Haugwitz-Reventlow sunned at Capri fortnight ago. Countess Barbara was separated from her Danish husband last year. The Prince descends from a 15th Century Neapolitan line.

## MAE WEST AND MRA



The Rev. Dr. Frank Buchman, apostle of Moral Re-Armament, paid a 30-min. visit to Mae West in Hollywood Aug. 18. Standing beside a nude statuette of herself Miss West drawled: "You're doing fine, Doctor." She told him: "At heart I practice Moral Re-Armament." Cried Dr. Buchman: "You are a wonderful woman, Miss West. You have done wonderful things!"





THE KOSTELANETZES DREW 50,000 MILWAUKEEANS OF ALL AGES TO CONCERT IN WASHINGTON PARK ON JULY 27. MILWAUKEE HAD NEVER BEFORE SEEN SUCH A BIG CROWD AT A



Mr. & Mrs. Kostelanetz delighted the audiences by coming out hand in hand when they took their bows. Here at

Milwaukee, Mr. Kostelanetz modestly stood a pace back of his wife, who is a more important attraction than he is.

## PONS & KOSTELANETZ PUT ON HUSBAND & WIFE ACT FOR SUMMER MUSIC LOVERS

The biggest draw in the music business today is a husband-&-wife act put on by Lily Pons, soprano, and her husband, Andre Kostelanetz, orchestra conductor. This summer they appeared together in open-air concerts in five big U.S. cities, starting at Robin Hood Dell in Philadelphia and ending at the Hollywood Bowl. Miss Pons sang and Mr. Kostelanetz led the orchestra. An astounding 400,000 people turned out to hear them. By the time they got back to their Connecticut home in mid-August, Mr. and Mrs. Kostelanetz were the proud and joint holders of new attendance records in every city where they appeared—9,000 in Philadelphia, 22,000 in New York, 300,000 in Chicago, 50,000 in Milwaukee, 25,000 in Los Angeles.

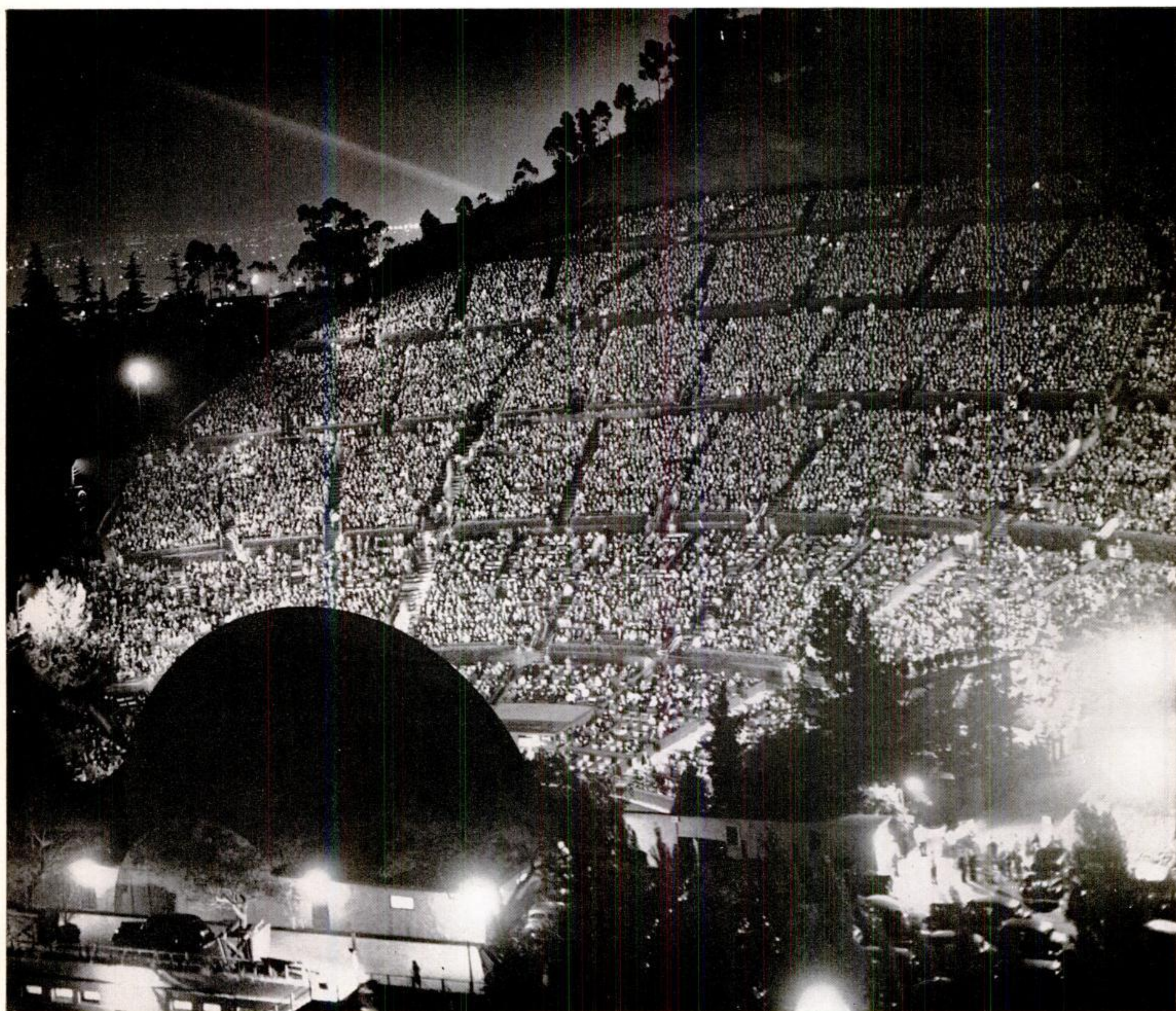
Two years ago, singing in Grant Park, Chicago, Miss Pons smashed all previous marks by drawing 175,000 to her concert. This year she beat this by drawing a crowd estimated as high as 300,000. Like baseball fans at a World's Series, some Chicagoans came at 7 a.m. to get good places. Miss Pons's clear and flexible coloratura voice reached these great musical mobs through loud-speakers. When not playing discreet accompaniments for his wife, Mr. Kostelanetz went out on his own to conduct orchestral numbers and prove that he was the equal of many a more pretentious musician now conducting on the bigtime symphony circuit.

Lily Pons, who is 35 and 5 ft. 2 in. tall, married Andre Kostelanetz last year after he had proposed 13 times. He is three years older and 4 in. taller than his wife. Each of them is a first-class musical draw in his or her own right. Together they drew top concert fees, got about \$20,000 for their five appearances. This has been a fine summer not only for the Kostelanetzes but for all American summer music. Attendance has been good all the way from New York to Northfield, Minn., whose two-day choral festival this year drew a record-breaking 8,000 listeners.





CONCERT. IT STRETCHED OUT FARTHER THAN CAMERA COULD REACH. MR. KOSTELANETZ LED MILWAUKEE SYMPHONY ORCHESTRA AND MISS PONS HAD TO GIVE THREE ENCORES



The Hollywood Bowl overflowed with 25,000 people who came on Aug. 8 to hear Pons and Kostelanetz. Behind the

big amphitheater are the lights of Los Angeles and the searchlights which play nightly over that gaudy city. For

an appearance before crowd of this size, the Kostelanetzes received about \$6,000—\$5,000 for Lily, \$1,000 for Andre.





**"Lunch Table"** by Pieter Claesz shows the kind of still life painted in Holland in the 17th Century, and also the rich menu that delighted robust Dutchmen. This little luncheon

includes oysters, berry pie, crackers, bread, wine, fruit and walnuts. Claesz specialized in still lifes, painted a half-peeled lemon in nearly every picture as a sort of trademark.



**"Shells, Fruit and Insects"** is by Van der Ast, 17th Century Dutchman. Below is an example of 16th Century surrealism, showing half-reclining woman made of fruit and vegetables.



tables. Peaches, pear and pomegranate form her features. It is ascribed to school of Arcimboldo, an Italian who painted weird pictures for a mad German emperor, Rudolf II.

## MODERN ARTISTS RETURN TO PAINTING STILL LIFES LIKE FAMOUS OLD DUTCH MASTERS

Most people's idea of a still life is the portrait of a dead fish or bunch of grapes that hung on the wall of their grandmother's dining room. Such painting has long been scorned as a concern only fit for Victorian ladies or art students learning to draw. But today the still life is having a sudden renaissance. To improve and refine their technique, many of America's best artists have set up their easels in their own kitchens. Grant Wood has turned from his smoothly beveled landscapes to exquisite studies of flowers. Tom Benton has laid aside his big swirling canvases to paint ferns. On the following pages LIFE shows six still lifes by American artists.

Still-life painting began in the 16th Century Netherlands. Before then the great Renaissance painters incorporated small still lifes into their grandiose pictures. But they never dreamed of making a kitchen table loaded with pie and fruit, like the one at the top of this page, the hero of a painted story. With the decreasing influence of the Church, art in Holland descended from the angels to the dining room. More and more pictures were bought by the growing class of merchants who dealt in spices and wines. They demanded the kind of art they could understand. Orderly by nature, the Dutch artists took delight in arranging foodstuffs into patterns, painted with loving accuracy the sparkle of Rhenish wine in a glass goblet and the cool gleam of pewter.

Today American artists have discovered that still-life painting is an invaluable training for any kind of painting. The return of the still life is one more sign of the good health of our national art.



Rembrandt, greatest Dutch master, used his skill for painting light and shadow on this carcass of beef hanging in a butcher shop.





**EMBLEMS OF PEACE** is by William Harnett, whose amazingly realistic still lifes made him one of the most popular and best-paid U. S. artists of the 1880's. Harnett did more than copy nature. Explaining how the flute in this picture differed from the model, he said: "The ivory was not on the flute at all. The silver effects for the

bands and keys I got from a bright silver dollar. The gold band on the pipe I got from a new gold coin." Harnett loved old leather and mellow ivory, painted even a burnt match with tender care. In this one picture he depicted perfectly more than twelve materials, including wax, meerschaum, wood, dried leaves, cardboard, string, pottery, brass, paper, carbon.



**WILD FLOWERS**, one of Grant Wood's new lithographs, sells for \$10. Wood follows Harnett (*above*) in concern for natural objects. Here he asks: "Will frog catch fly?"



**KITCHEN TABLE** is the first still life by Ernest Fiene, who usually does portraits and landscapes. Having broken his right arm riding a horse, Fiene painted this left-handed.





**THE LOST PENNY** is part of Thomas Hart Benton's new series in which he pays particular attention to texture and detail. It retains Benton's usual flame-like patterns. Idea for the picture struck him when he found penny in his path on walk through Missouri woods.



**THE BLUE CHAIR** is a unique still life. For the traditional apples and pears, the artist substituted his wife's underclothes, making a gay and flowing composition out of her pink girdle and black-lace stockings. The painter is German-born George Grosz.



**BASKET AND FRUIT** by Arnold Blanch was first painted in 1933 and repainted this year in richer tones. A loosely organized composition, it is held together by Blanch's harmony of color. In subject matter this picture would have pleased his mother who painted

on china, and his maiden aunt who gave drawing lessons. But its free, vigorous handling is in the best modern style. Blanch taught this summer at Colorado Springs Fine Art Center. He received this fruit basket for Christmas present and ate the fruit as he painted it.



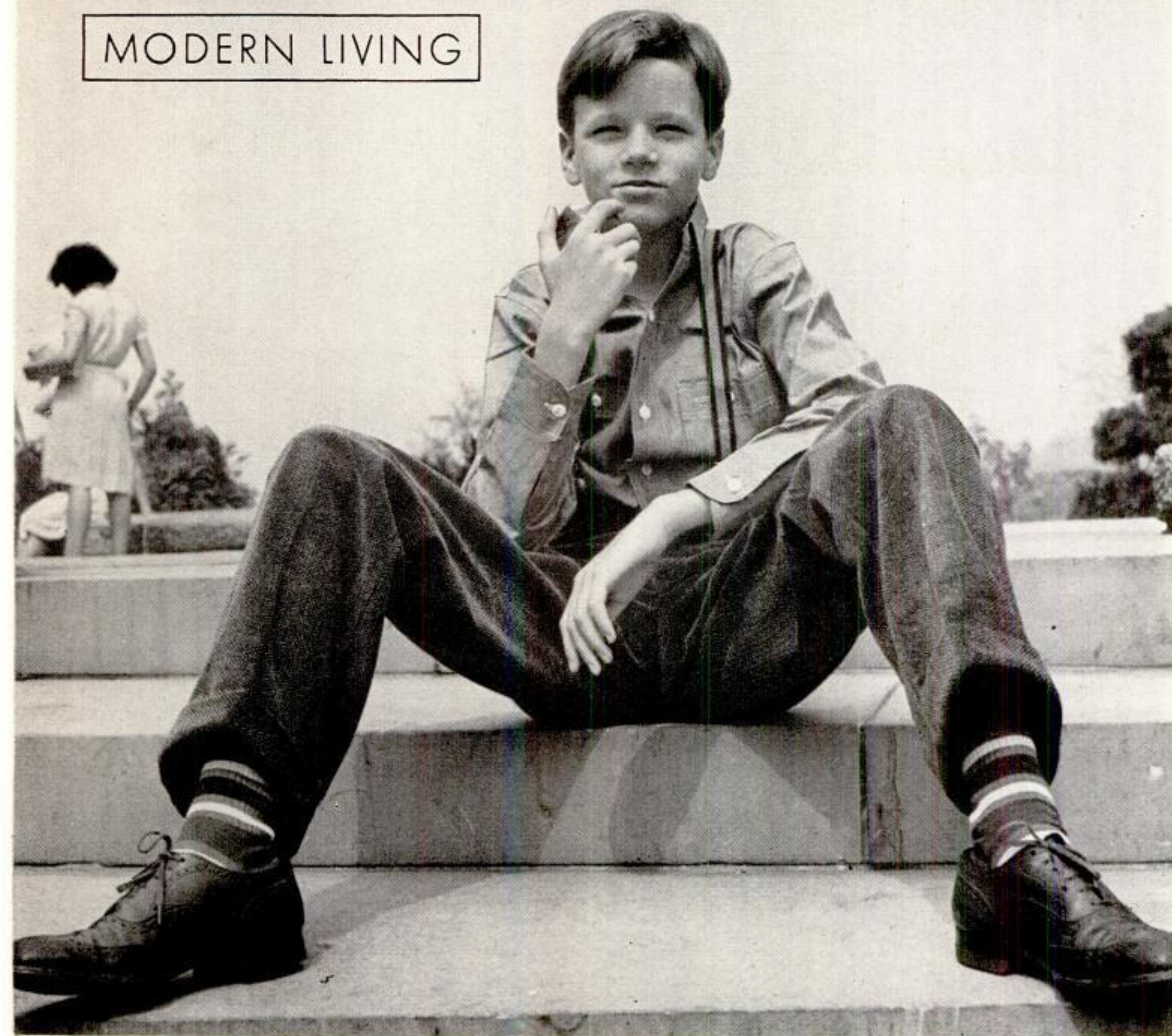
# FASHIONS FOR YOUTH

Style-conscious boys wear slacks, overalls or workshirts to school

If most of the 12-year-olds who will be trekking back to school in a few weeks were allowed to pick their own clothes, they would probably select outfits similar to those shown on this page. Although in three of these pictures young John looks ill-groomed, he's really jake with all the boys at school because his clothes embody the accepted style features for the autumn of 1939.

The word "style" is used advisedly. To school-boys, correct style is what the other fellows are wearing. Failure to conform brings agonizing grief, for children are mannerless humans who revel in ridiculing their fellows.

According to J. C. Penney Co. which, through its 1,557 stores, outfits hundreds of thousands of boys from the plains and mountains and cities of the U. S. A., the most generally accepted school outfits for fall are overalls, corduroy or dress slacks worn with 1) work shirt, 2) polo shirt, 3) plaid shirt, 4) figured shirt. For cold days "cossack coats," which are short heavy zippered jackets, are standard.



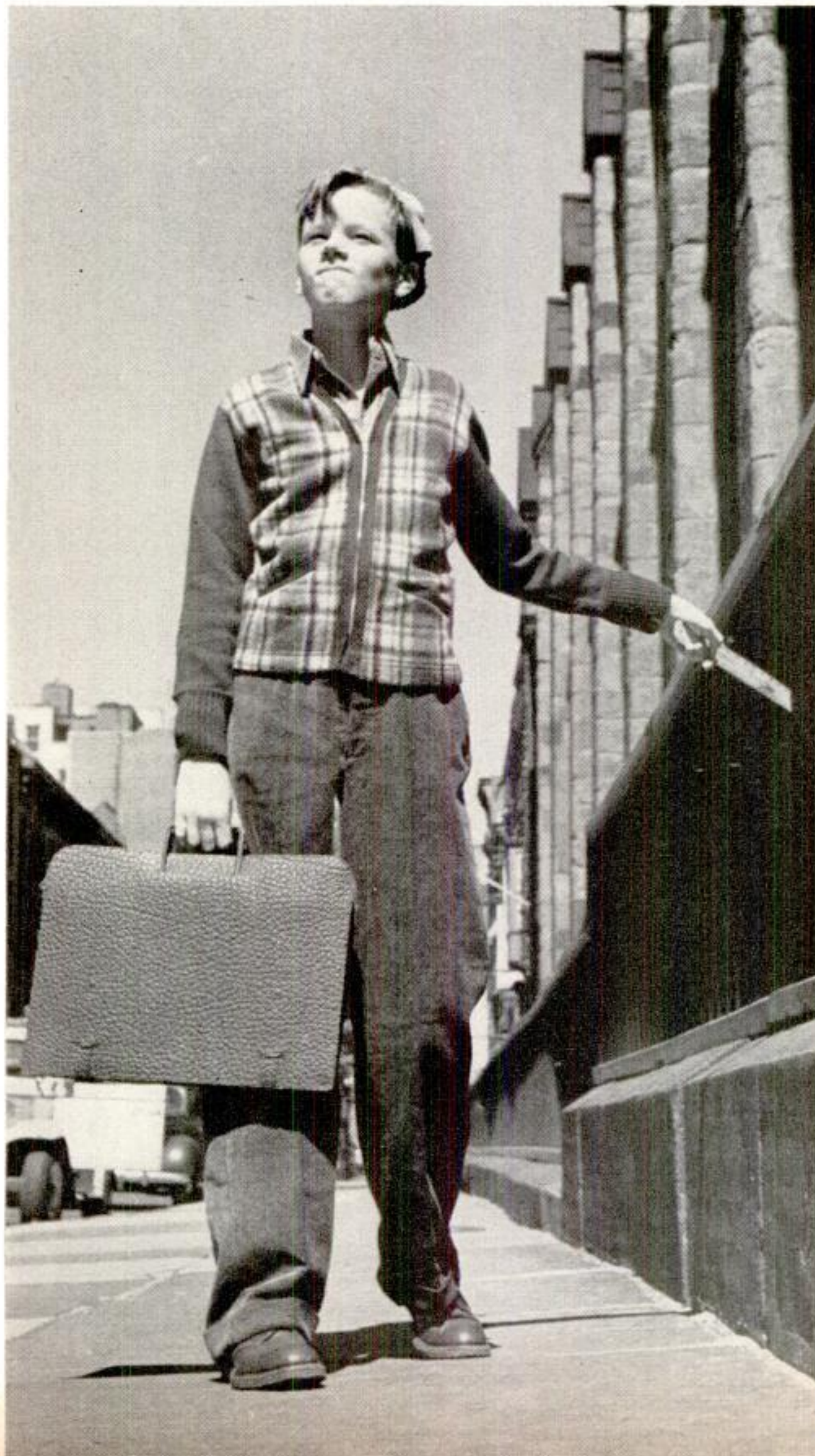
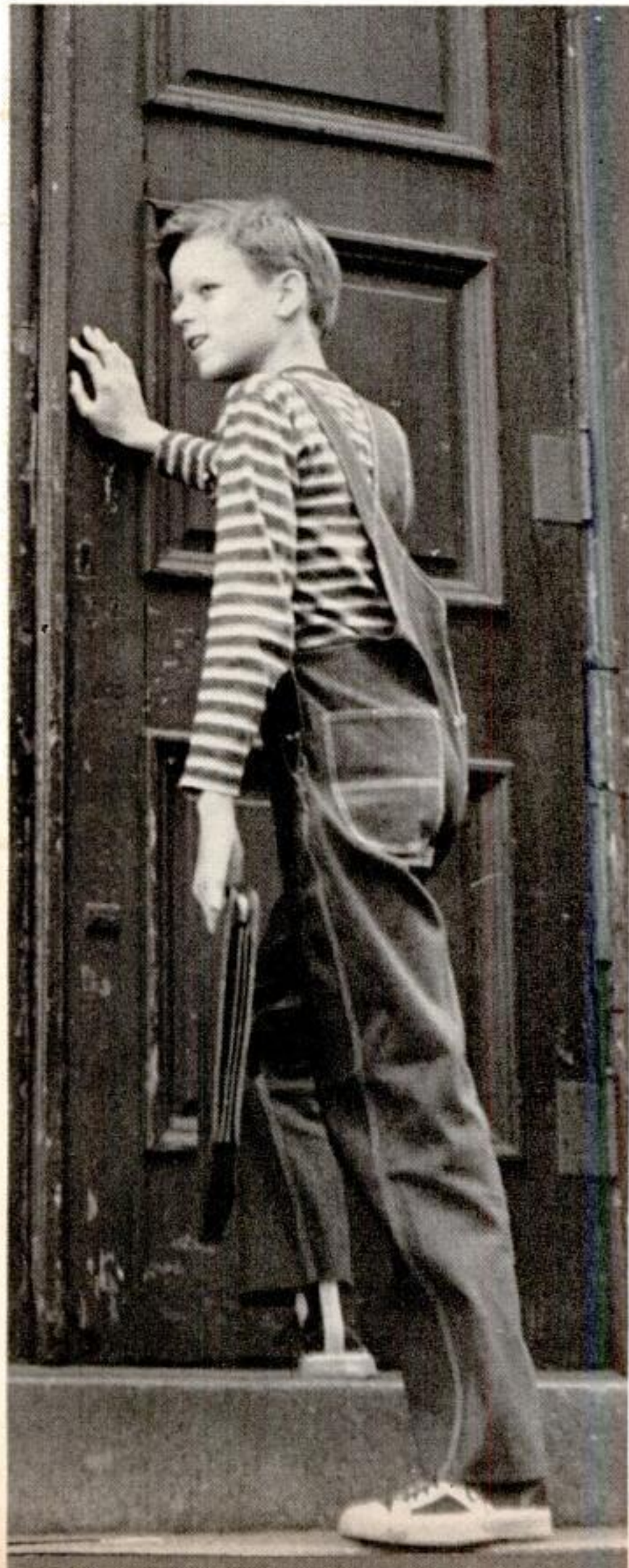
**Corduroy slacks** with tweedy look at \$1.98 are new favorites. Also popular are workshirts. This one costs 39¢. Most boys

wear belts but the 40% who use suspenders prefer the clip variety. John's blucher oxfords with crepe soles cost \$2.98.

**Denim overalls**, 12,000,000 pairs a year, are sold to boys. Sneakers are liked for their lightness, cost less than \$1.

**Plaid-front sweaters** zipped up front have replaced cardigans. Boys like novelty caps of which this 25¢ "beanie" is typical.

**Sports coat** (\$5.90), contrasting dress slacks (\$2.98), white shirt, no tie, is he-boy's notion of acceptable dress-up clothes.





## Boy's size, not his age, should determine what clothes he wears

When boys are dressed entirely according to their mother's taste, strange things are likely to happen. Dorothy Stote, author of *Men Too Wear Clothes* (LIFE, March 27), believes many women can help their husbands with their clothes problems. A mother and her son's clothes are a more difficult proposition. According to Mrs. Stote most mothers fall into one of two categories: those who try to keep their sons little boys, and those who try to anticipate the time when their sons will look like their fathers.

Dorothy Stote believes the right clothes for a boy have little to do with his age. The factors to consider are the length of his legs in proportion to the rest of his body, and the width of his shoulders and girth. A lanky, overgrown boy of 8 in shorts looks like a giraffe, and a short little boy of 8 in longies looks like a midget. In the photographs on this page Mrs. Stote shows how a boy's clothes can change his appearance.



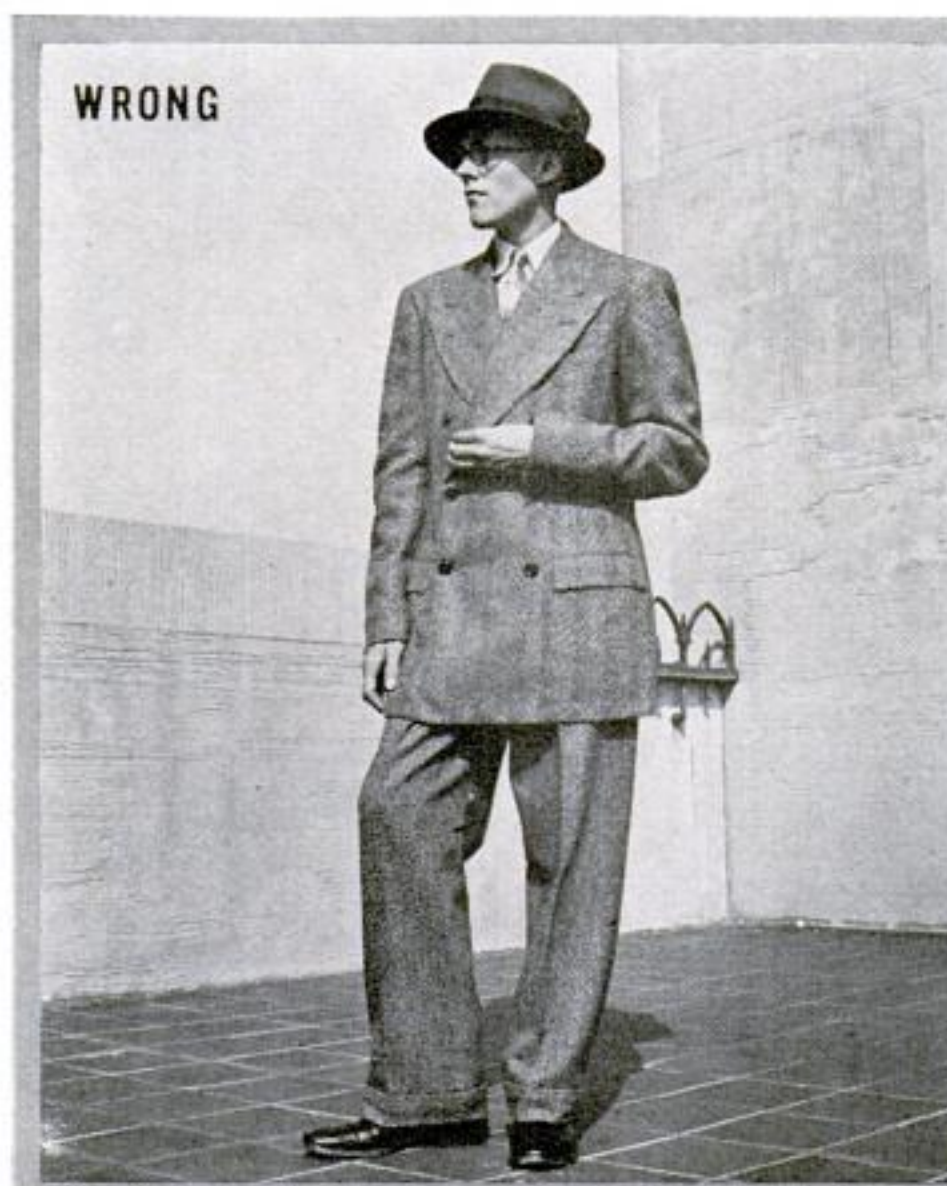
**Erect stance** which most husky boys adopt usually makes them look like this in profile unless their coats are beltless and full.



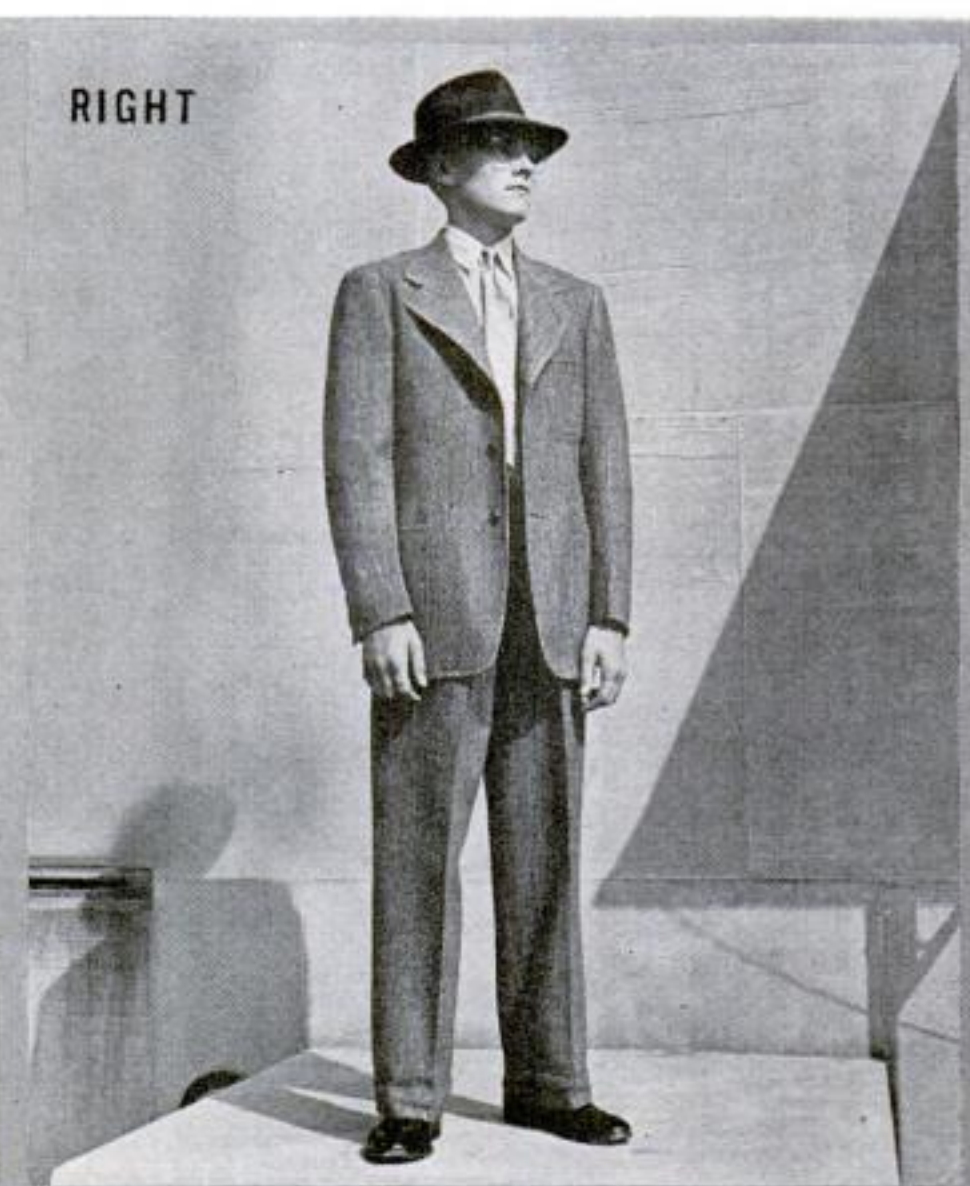
**Eton suit**, which he has outgrown, Eton collar and Windsor tie make this 10-year-old look like mama's little boy.



**Rugby suit**, with broad shoulders, longer shorts, higher socks and a sports shirt, change him into a real he-boy.



**Double-breasted jacket**, exaggerated shoulders, broad lapels, man's hat, make him look like dad but they're bad.



**Single-breasted fitted jacket**, made of younger-looking fabric, a "prep" hat and inconspicuous glasses look right.



**Snug-fitting suit** on a fat boy is likely to bind around middle, puff out at back and make boy look like a sausage.



**Easy-fitting suit**, double-breasted, produces a flattering square line. Hat with a turned-down brim helps the face.



# Mayonnaise

OF EXQUISITE FLAVOR

A superb blend of choice ingredients including Fresh Lemon Juice



BY *Kraft*



NEXT TIME you want a bowlful of superb mayonnaise, don't bother to make it yourself! Kraft experts make this fine food for you, and deliver it *Kitchen-Fresh* to your food store.

The "home-made" goodness you notice in Kraft Mayonnaise comes from choice ingredients such as you'd select yourself! Fine salad oil! Choice eggs! Fragrant vinegar and imported spices! And, as the final crowning touch . . . the juice of *fresh lemons*! And the smooth *texture* so important in mayonnaise is achieved by a remarkable blender which is exclusive with Kraft.

With molded salads and fruits, with seafood and cold meat—and on sandwiches—this finer mayonnaise is gloriously good. . . . Do try a jar soon!





## *How three cooling words became four....*

**E**ACH YEAR, more and more people are discovering that, simply by changing *three* well-known words to *four*, they can add new magnificence to their favorite mid-summer drink...

Instead of just saying "whiskey-and-soda," these connoisseurs of coolness say "*Four Roses-and-soda*"... for they maintain Four Roses-and-soda is different from any whiskey-and-soda you ever tasted.

And it is! It's just *bound* to be—because Four Roses itself is so different...

Four Roses, you see, has the virtues, not of just a *single* straight whiskey, but of *several* selected straight whiskies. Each of these whiskies is *at least 4 years old*. Brought together, they give to Four Roses a matchless flavor,

aroma, and smoothness—qualities that have won for it the reputation of being the finest whiskey in America.

### *Why it's so fine in a Highball*

Four Roses is *ALL* whiskey—every drop! That's why it *stands up* in a highball—holds its delicate flavor, right down to the bottom of the glass. Yet Four Roses is *mild*, because all of the whiskies in it have been reduced to 90 proof, especially for mildness.

Sometime today, at home or at your favorite bar, enjoy a Four Roses-and-soda. Listen a moment to the tinkle of the ice in the glass—like small silver bells calling you to a rare pleasure...

Then obey the summons. Sip—slowly...and

be thankful the world affords such solace in hot weather as...a Four Roses-and-soda! Frankfort Distilleries, Inc., Louisville & Baltimore.



TRY A  
**FOUR ROSES**  
*-and-soda!*

EVERY DROP IS WHISKEY  
AT LEAST 4 YEARS OLD

A BLEND OF STRAIGHT WHISKIES—90 PROOF—THE STRAIGHT WHISKIES IN FOUR ROSES ARE 4 YEARS OR MORE OLD



# Complete wardrobe for an eight-year-old girl looks like her mother's, costs from \$15 to \$60

Little boys hate to look as if their mothers had dressed them. But little girls love it. Their secret sartorial aspiration is to dress exactly like their mothers. In recent years this has been increasingly easier because women have been dressing more and more like little girls.

On this page are four outfits typical of what the well-dressed little lady will be wearing this autumn. Her wardrobe will include at least two washable dresses, either a wool jumper or suspender skirt to wear with blouses and sweaters, an all-occasion frock for dressier occasions, and a heavy durable coat. Most little girls will have only one hat, probably an up-

rolled felt. Any second hat will have a feather or quill.

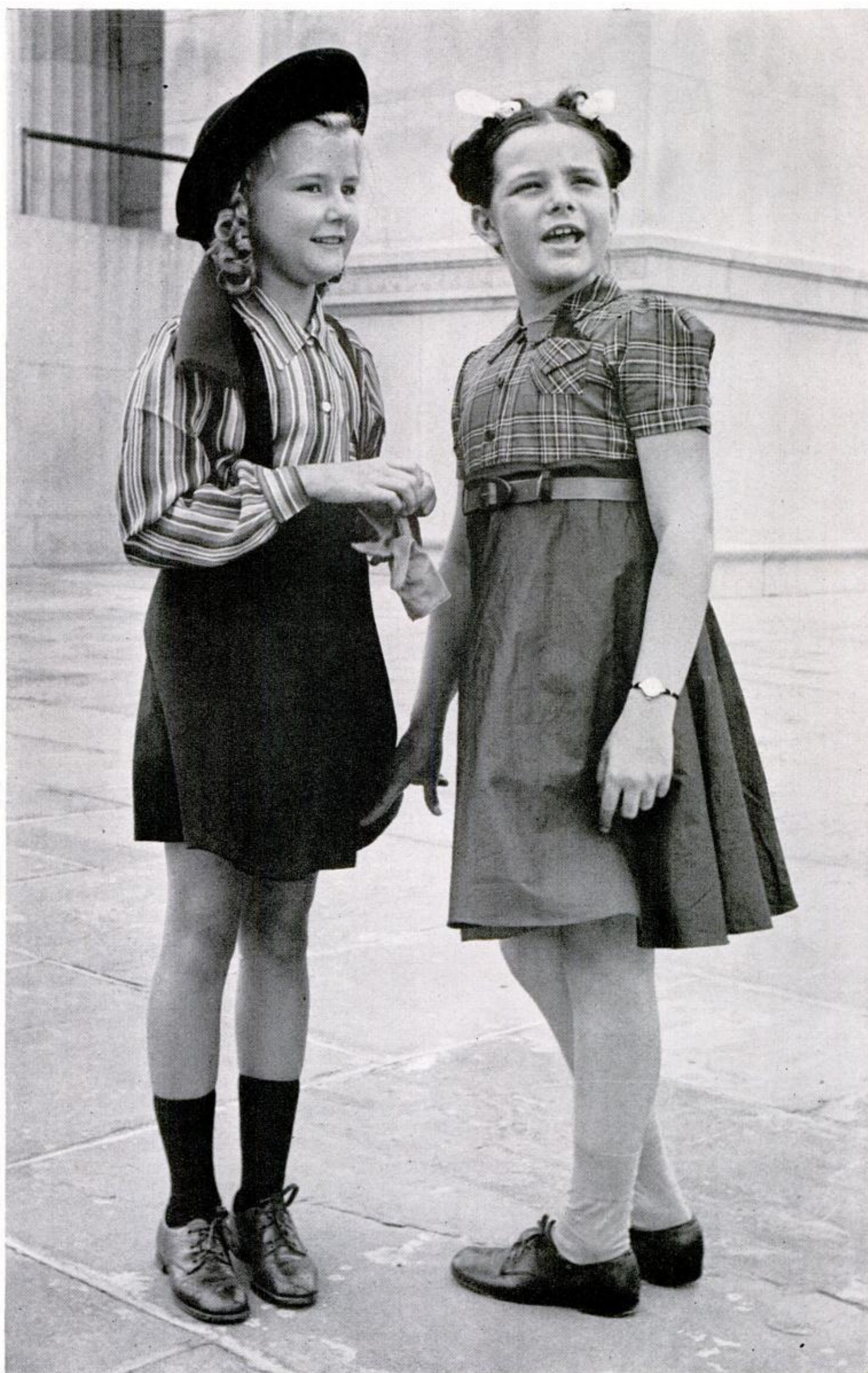
If the outfits are bought at a mass volume store like one of the J. C. Penney stores, a complete wardrobe, including shoes, socks and underwear, will cost approximately \$15. This figure allows for enough percale at 15¢ a yard for two home-made dresses. Store-bought dresses will cost 49¢ and 98¢, and the coat less than five dollars. If the outfits are bought at a specialty shop such as Best & Co., the wardrobe will cost nearer \$60. In many instances the materials and workmanship will be different, but basically the styles and types of outfits will be the same.



In party dress of rose velveteen, feathered bonnet and a matching bag, this young miss is the perfect little lady.



All-occasion coat, double-breasted, has the new back fullness. Her bag, like mother's, swings from the shoulder.



Jumper skirts and shirtwaist dresses are outstanding service outfits. Easily laundered cotton in plaids and stripes

are the preferred dress fabrics. Separate skirts are mostly woolen, are worn with sweaters and washable blouses.





**Twin-sweater sets**, similar to those now popular in colleges, are well liked by 'teen-agers. This set costs \$1.98.



**Plaid coats** are liked by all girls. Suede hat, with visor, popularized by Marlene Dietrich this spring, costs 98c.



**Plaid dress** of wool and rayon has a pleated skirt, costs \$1.98. Saddle oxfords continue to be most popular shoe.

## Girls of fifteen and their first party dresses are fashion's problem children

**A**lthough 'teen age rightly refers to the years from 13 to 19, in fashion parlance the 'teen age child is 15. That's the age of her first real party dress, the year of long silk stockings, shoes with slightly higher heels, the year when lipstick, powder, light nail polish and eau de cologne (not perfume) are used with mother's consent.

Her daytime clothes seldom present any difficulties. They are less childish than her younger sister's and more like those of older friends at college. Three typical examples are shown in the pictures above. Because she is more careful of her clothes than younger sister, she wears fewer wash dresses and more wool and rayon.

The real trial and tribulation comes with the first party dress. Mother remembers the sweet girlish graduation or confirmation dress she wore and tries to get daughter into something similar. Daughter declares she'll die rather than wear a childish frock and pleads for a slinky black. The dress at right shows a happy compromise.



**Wallflower's fate** is ahead for this girl. Her dress is too short and the neck is too high.



**Siren effect** produced by slinky black dress and up hair-do scares the young boys away.



"Glitterbug," "cutie-pie," and other terms of approval will be heaped on any youngster wearing a dress like this one. Sub-deb's party dresses should have sleeves, medium back.





**A glorious new world of comfort!**

...When you first slip into bed on your big, deeper Beautyrest... you're going to enjoy one of life's real luxuries.

What a thrill to relax on this deep, luscious mattress. How wonderful it feels just to lie there... drifting peacefully off to sleep in the embrace of this new kind of comfort.

## SEE THE NEW BEAUTYREST!

Deeper...more comfortable...guaranteed for twice as long!



**Secret of New Beautyrest's "luxury comfort."** Beautyrest has *independent* spring action. Each of the 837 springs in Beautyrest is enclosed in its own cloth pocket... *separate* from the others. Each yields *independently* to the slightest pressure. Thus, each part of your body receives exactly the right "give." How different from springs *tied together by wire*... that can't yield freely to your body!

**Sag-proof edges.** Beautyrest's patented sag-proof edges won't bend or get that "down-hill" look. You get "mid-mattress" comfort to the very edges of the bed.

**New Beautyrest stays sanitary inside.** Eight *real* ventilators, not false ones, let Beautyrest "breathe"...keep it always fresh and clean inside!

**Far less turning.** Beautyrest doesn't get out of shape. After the padding has leveled, you need turn it only 4 or 5 times a year!



**New Beautyrest lasts longer!** At the United States Testing Co., Inc., 10 different types of mattresses were mauled by a 200-lb. roller. Most mattresses broke down at less than 100,000 poundings. Only Beautyrest was still in good condition at 489,000—3 times longer than any other mattress tested. So we are conservative in guaranteeing the New Beautyrest for 10 years' service—although under normal use, it should last far longer!

**LUXURY COMFORT FOR  
A PENNY A NIGHT  
WITH THE NEW DEEPER BEAUTYREST**

The Beautyrest Box Spring, for use with the New Beautyrest Mattress, is \$39.50. Or get the Ace Coil Spring at \$19.75.

**SIMMONS COMPANY**

Chicago • New York • San Francisco • Atlanta



**Why Beautyrest's "luxury comfort" costs LESS!** Your New Beautyrest costs \$39.50 (easy time-payments, of course). This price figures down to about a penny a night, based on our 10-year guarantee.

Since Beautyrest lasts 3 times longer than other mattresses in tests, Beautyrest should outlast other types of mattresses in *your home*... particularly "cheaper" mattresses.

So... in the long run Beautyrest should cost you less... and give you far more "luxury comfort" in the bargain. Why not see the New Deeper Beautyrest at your furniture or department store today?

**IMPORTANT:** If you are shown other mattresses supposed to be "just as good" as Beautyrest, remember that no other mattress in the world has ALL of Beautyrest's advantages.

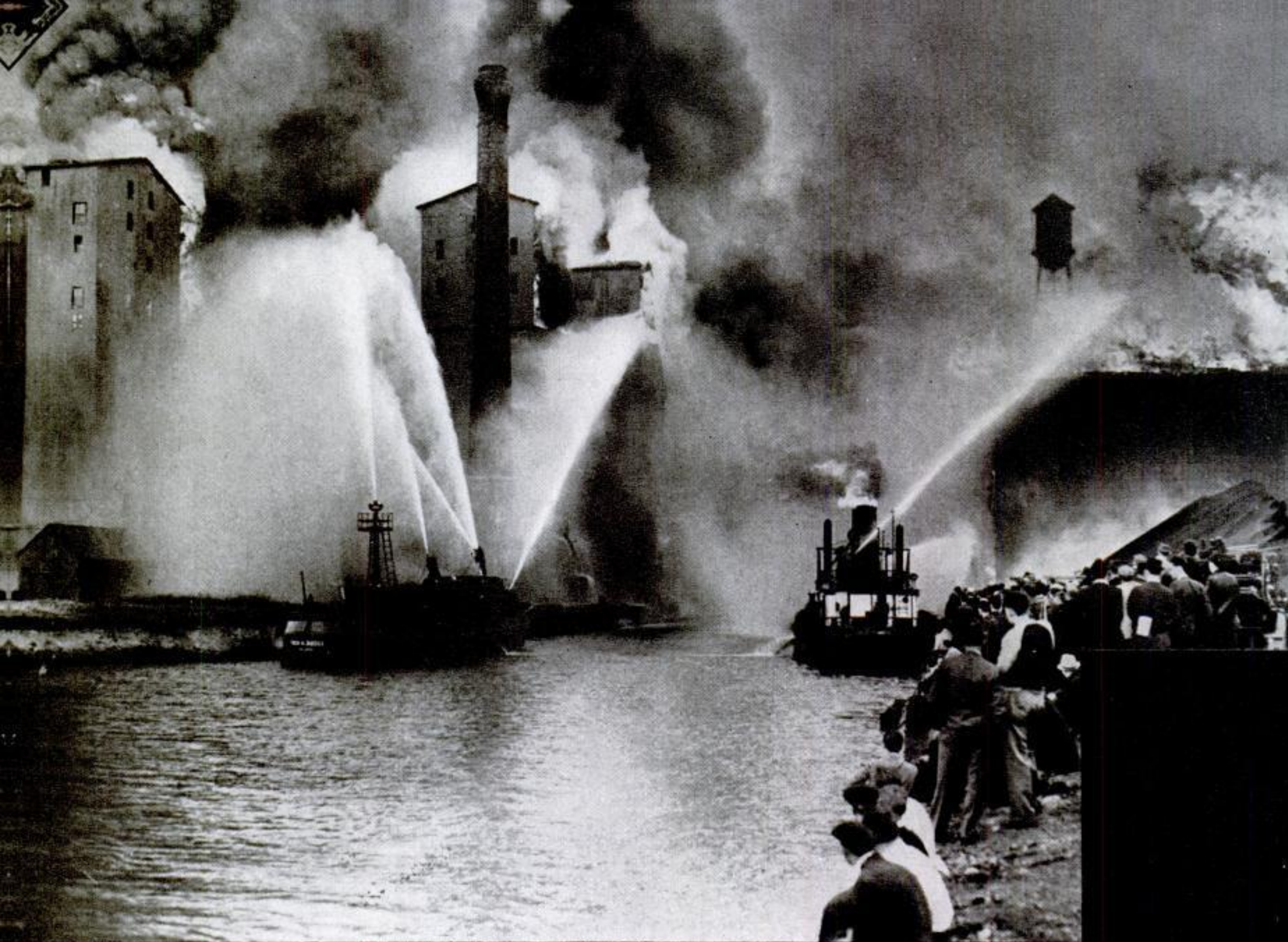
Beautyrest is made only by the Simmons Co. So insist upon seeing this label on the next mattress you buy.





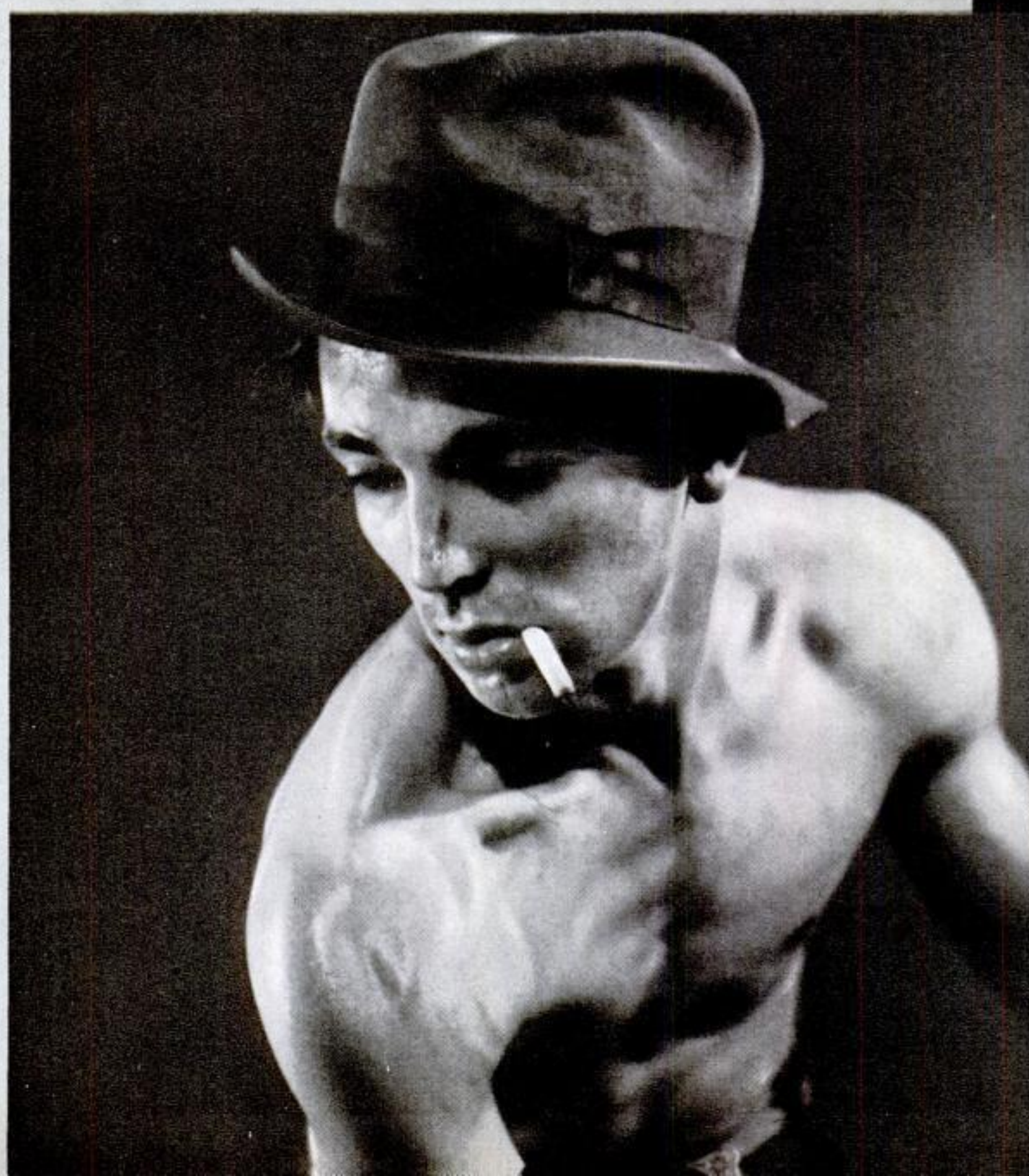
## News

News photographer Don Hall, of the *Chicago Herald and Examiner*, got this remarkable picture (left) at the height of Chicago's worst fire in five years, while 450 firemen, two fireboats, and 100 pieces of apparatus were fighting frantically to beat back an inferno of smoke and flames from five huge burning granaries. The fire lasted 24 hours and destroyed 4,050,000 bushels of grain, sending grain prices tumbling in Chicago's wheat pit. The photograph has a dramatic tenseness and pictorial interest found only in great news pictures. Made on Eastman Film.



## Commercial

Cameraman Foster Ensminger, of the Harry Watts Studio, New York City, made this beautiful study of a Mother and Children (right), to illustrate the advertisement of a new serial for the *Ladies' Home Journal*. Infinite patience, the chief requisite of a photographer when working with young children, was necessary before the little group of models—none of whom had ever seen the others before—could be brought into the relation of perfect harmony and serenity which characterizes the photograph. Made on Eastman Film.



## Amateur

Earl E. Johnson, of Duluth, Minn., won a first prize in the local newspaper amateur snapshot contest with this striking study of a steel-worker (left). Out of 1200 snapshots entered in the contest, the judges unanimously picked this one as the best in its class—both for its technical excellence and its human expressiveness. It has been widely reproduced in newspapers all over the country. Made on Eastman Film.



## Pictorial

On a ski trip in the Laurentian Mountains, Province of Quebec, Gustav Anderson passed this snowbound *habitant* farmhouse (right), and saw in it the subject of a beautiful picture. With the thermometer at nearly 30° below zero, he patiently waited until the afternoon sun cast long shadows, before making his exposure. Afterwards he was allowed to thaw out over a bowl of hot pea soup in the kitchen of the hospitable French-Canadian family. The picture has genuine sincerity and unadorned simplicity, together with a depth of feeling and originality of style. Made on Eastman Film.



NEW LOW PRICES ON KODAKS...Picture making has grown beyond all experience. To meet the unparalleled demand for cameras, Eastman is now building an extensive addition to the world's largest camera works. This great plant will cut manufacturing costs. In a sweeping reduction, Kodak prices are now brought in line with these lower production costs to come. You save, beginning right now. Get the good news at your dealer's.

### KODAK'S COLOR SHOW—Hit of the New York World's Fair



Greatest Photographic Show on Earth at the Kodak Building—Kodachrome full-color pictures projected on a 187-foot screen, the longest in the world.

Take your Kodak to the Fair and while you're at the Kodak Building, Eastman experts will advise you what to take and how to take it.

# The great pictures are made on EASTMAN FILM

There is an Eastman Film for every picture-taking need. Use it always. Roll-Film Users: Accept nothing but the film in the familiar yellow box—Kodak Film—which only Eastman makes . . . Eastman Kodak Company, Rochester, N. Y.



# Follow THE YELLOW BRICK ROAD TO Z



**S**PARKLING with ear-tingling tunes that will make you want to dance in the aisles... music to make you whistle... lyrics to make you sing... laughter to make you happier than you have been in years... the story that is beloved by the young-in-heart of all ages has now been brought to the screens of the world, peopled with the brightest stars of stage and screen.

In gorgeous Technicolor, the WIZARD OF OZ represents a magnificent achievement by M-G-M,

who performed almost daily miracles during its production. They dared things that had never been done on the screen before... made a lion out of a man, made monkeys fly, trained trees to dance, made a tin man walk, a scarecrow talk... photographed the *inside* of the tornado that swept Dorothy away to a land of her imagining that was as excitingly real as life itself yet utterly unlike anything ever seen on earth... all to bring you 100 scintillating minutes of unparalleled entertainment.

## M-G-M'S GREATEST ACHIEVEMENT!

...over two years in production... utilizing 9200 actors, 30 giant sound stages, 65 enormous sets and the brains and brawn of 6275 technicians representing 165 separate arts and crafts... glassblowers, color-mixers, flowermakers, powder and fire-handlers, animal trainers, magicians and others too numerous to mention. The musical score alone required a symphony orchestra of 120 pieces, and a chorus of 300 voices. The result—over half a million feet of Technicolor film—to translate the mystic Land of Oz into vivid, exciting screen entertainment!

Metro-Goldwyn-Mayer's Glorious Technicolor Triumph

# The WIZARD OF OZ

with JUDY GARLAND (as Dorothy), FRANK MORGAN (as the Wizard), RAY BOLGER (as the Scarecrow), BERT LAHR (as the Cowardly Lion), JACK HALEY (as the Tin Woodman), BILLIE BURKE (as the Good Witch), MARGARET HAMILTON (as the Bad Witch), CHARLEY GRAPEWIN (as Uncle Henry) and the Munchkins • Screenplay by Noel Langley, Florence Ryerson and Edgar Allan Woolf • A VICTOR FLEMING Production • Produced by MERVYN LE ROY • Directed by VICTOR FLEMING

Hit Songs by Arlen & Harburg: "Over the Rainbow", "If I Only Had a Brain", "We're Off to See the Wizard", "The Merry Old Land of Oz", "Ding Dong", "If I Were King of the Forest"







MUSIC

ON SUNDAYS, AT HARLEM'S CHURCH OF GOD IN CHRIST, SISTER THARPE SINGS HER REVIVAL SONGS TO GET THE CONGREGATION WARMED UP FOR PREACHER'S SERMON

At 5, Sister Rosetta Tharpe was composing and singing her own songs of sin and repentance for back-country revival meetings in her native Arkansas. At 15, on the revival circuit, her songs were rousing the faithful in Negro churches all over the country. Now 24, Sister Tharpe is singing the same songs in New York at the Church of God in Christ (above) and at the Cotton Club (below). On records 18 of them are swing classics. For future records she has ready 47 new songs. She com-

poses for her own pleasure, singing her songs free style as they come to her, words and music. Sample lyric from *God Don't Like It*:

*I know you don't like my song,  
I just made it up in my mind,  
I won't take back not a word I said  
'Cause I sure don't drink moonshine.  
God don't like it, I know he don't like it,  
I know, ain't you glad he don't like it,  
I know it's a scandalous and a shame.*

## SINGER SWINGS SAME SONGS IN CHURCH AND NIGHT CLUB

ON WEEKDAYS, AT THE COTTON CLUB, SISTER THARPE'S REVIVAL SONGS ARE SWING HITS, HER AUDIENCE JITTERBUGS. SHE PLAYS ONE OF SWING'S HOTTEST GUITARS







WHAT TO DO WITH A GIRL LIKE HEDY LAMARR IS AN EXTREMELY SERIOUS PROBLEM FOR A MOVIE PRODUCER

## HEDY LAMARR PROBLEM REMAINS UNSOLVED BY "LADY OF THE TROPICS"

When a young Viennese actress named Hedy Lamarr made her U. S. debut in *Algiers* last year, U. S. critics and public joined in acclaiming her the most exciting movie find of the decade. *Algiers* was produced by Walter Wanger, who had borrowed Hedy from Metro-Goldwyn-Mayer. To M-G-M, this accolade was gratifying but somewhat embarrassing. In *Algiers*, Hedy had been presented in the role of a cool and mysterious *femme fatale* who had nothing more to do than look lovely and wear Paris clothes. Obviously it was desirable to cash in on her fame with another picture as soon as possible but finding a story in which she could execute her specialty in satisfactory fashion was another matter.



HEDY IN "ALGIERS"

M-G-M's first effort to solve the Hedy Lamarr problem was an abortive effort called *I Take This Woman*. After spending \$800,000 on it, the studio decided it was too bad to show. The second attempt, *Lady of the Tropics*, was released last week. While presumably better than its predecessor, it is by no means a second *Algiers*. In it, Hedy Lamarr is as beautiful as ever but her admirers may feel that, encumbered by a feeble story, bad clothes, a wooden leading man and a general aroma of bad taste, she scarcely does herself justice.

The problem of Hedy Lamarr goes further than aesthetics. A primary axiom of the moving picture business is that producing companies succeed or fail in proportion to their ability to discover, promote and profit from female stars. Long the prize example of this theory, M-G-M, whose great stable of female stars was assembled by the late legendary Irving Thalberg, has produced none since his death in 1936.

### What not to do with Hedy Lamarr



**Having Hedy** popped rudely under the chin and called "My unpredictable little screwball" by Robert Taylor is unlikely to enhance her glamor. It occurs in *Lady of the Tropics*.



**Spiked headdress** and beads, such as Myrna Loy once wore in Chinatown melodrama, are inadvisable for a girl who, as Hedy proved in *Ecstasy*, looks best when wearing nothing.

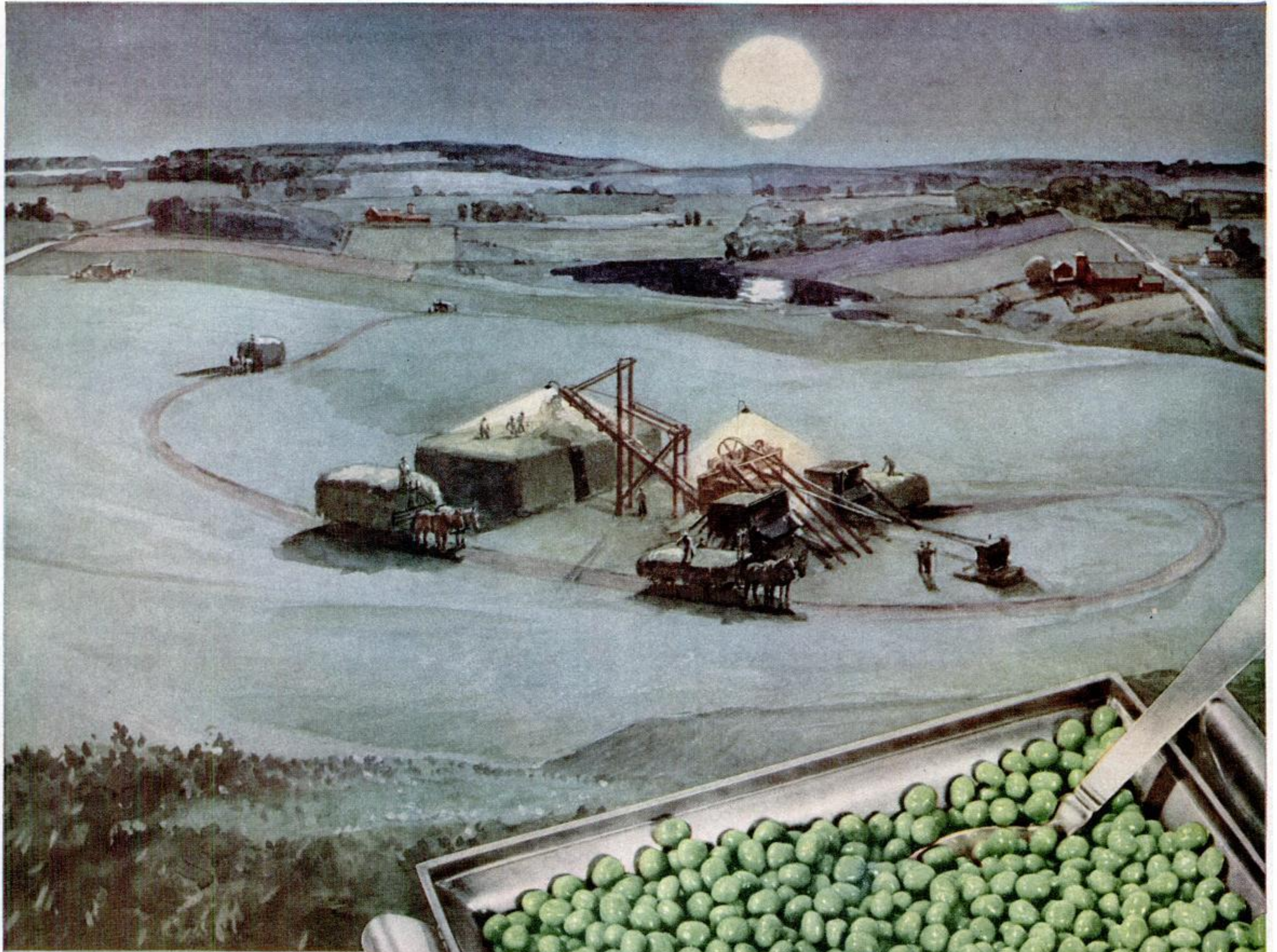


**Marriage**, for a star who symbolizes mystery and unattainability, is disadvantageous. After her wedding in *Lady of the Tropics*, Hedy takes up cooking in an Indo-Chinese kitchenette.



# Harvested in the Moonlight

Whether it's day or night, Green Giant Peas are picked at the fleeting moment of perfect flavor—less than three hours from field to can



Typical night scene at pea viner station in the Land of the Green Giant.

NATURE doesn't punch a time clock. "The fleeting moment of perfection" in the life of Green Giant Peas may come at 9 o'clock in the morning or 11:30 at night. Two or three hours can make a real difference in flavor and tenderness. If the "fleeting moment" comes at 12 midnight we are out to harvest them under the silvery moon or even in the drizzling rain.

Less than three hours later they are sealed in tins ready for your table.

Better to begin with because they're packed from a rare and exclusive breed, harvested at the very peak of their bursting young plumpness, no wonder Green Giant Peas taste so much better.

The new crop is now at your grocer's.

Green Giant Brand Peas are packed only by Minnesota Valley Canning Co. of Le Sueur, Minnesota, and Fine Foods of Canada, Ltd., Toronto, Ontario. Also packers of Niblets Brand Corn, Niblet-Ears Brand Corn (corn-on-the-cob in a can) and Del Maiz Brand Cream Style Corn.

He is a vegetable expert  
—this Green Giant. Look for him on the next can of peas you buy and be sure of a new thrill in garden peas.

*Green Giant Peas*

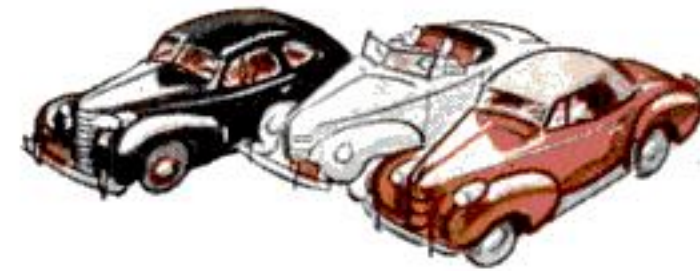




# This is the story of a great idea!



Millions of traveling motorists



all want

clean



pleasant rest rooms with running water



soap and towels



and a mirror.



So we Texaco Dealers have pledged you



clean

fully equipped



*Registered* Rest Rooms at

our



stations...supervised by our "White Patrol"



inspection cars.

We invite



you to

stop at our stations where you get that lively

*FIRE-CHIEF*



gasoline and Circle Service



and courtesy. We thank you...



*SKY CHIEF* sells for about half the price you paid in 1920 for the then regular gasoline, illustrating the continued success of the petroleum industry in providing the public with better products at lower prices.

## TEXACO DEALERS

Published in behalf of more than 45,000 independent Texaco Dealers by The Texas Company... makers of Fire-Chief and SKY CHIEF Gasolines, Insulated Texaco and Havoline Motor Oils, Marfak and more than 350 Industrial Lubricants.

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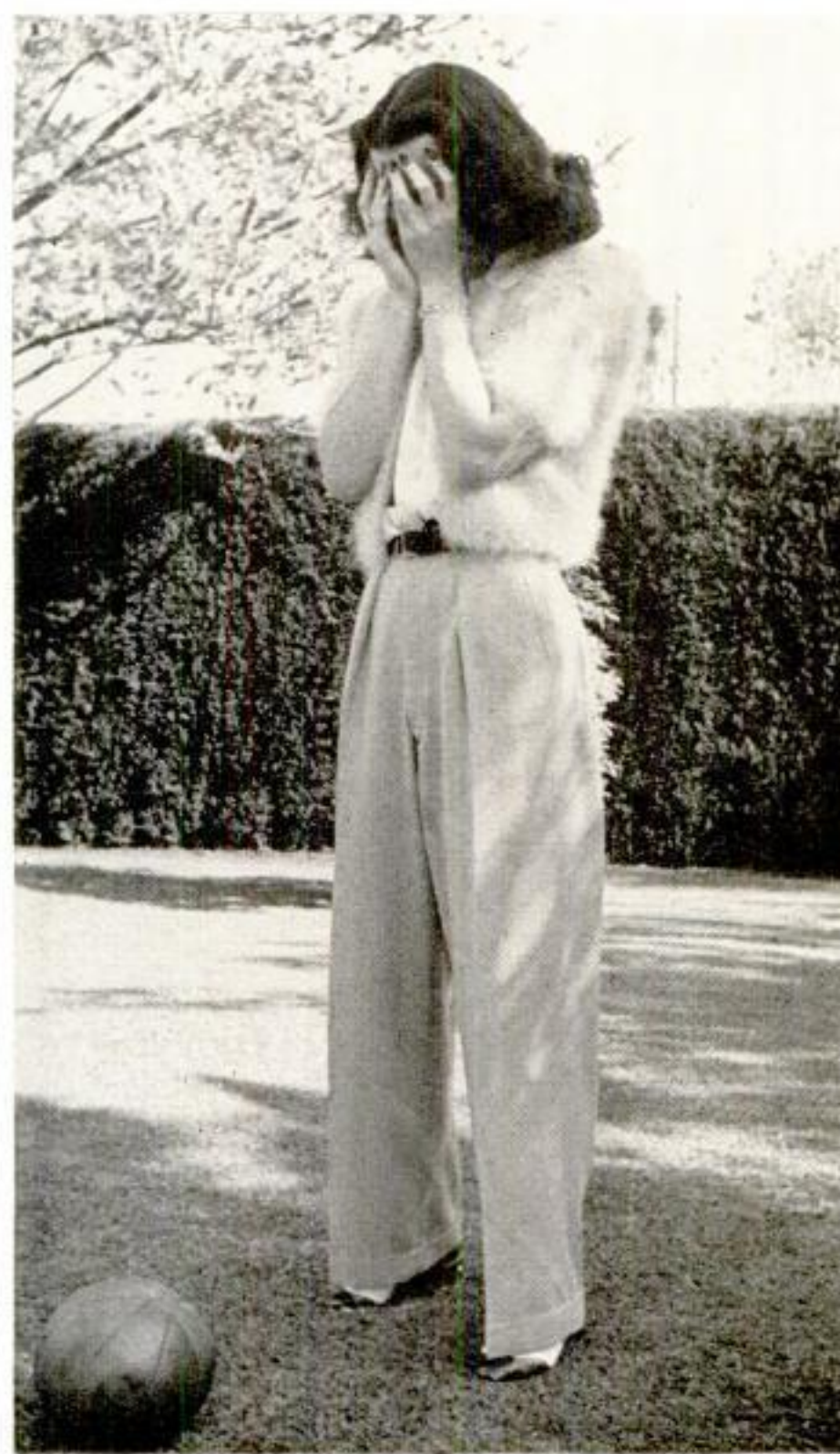




**Hedy is thrown on the floor**, called bad names and snubbed by her husband in *Lady of the Tropics*. The 85,000,000 people who, as U. S. movie goers, are correct in thinking themselves authorities on such matters, may wonder whether such treatment is calculated to preserve the air of remoteness which helped make her so attractive in *Algiers*.



**Hedy dies**, having shot herself because of affection for Robert Taylor. This is a mistake. Proper procedure would be for Taylor to die, abandoned by Hedy, as Charles Boyer did in *Algiers*. Despite its probable effect upon Hedy's reputation, *Lady of the Tropics* is passable entertainment. For her next picture, Hedy has been cast as a squaw.



**HEDY'S PRIVATE LIFE IS NOT THAT OF A FEMME FATALE. AS MRS. GENE MARKEY, SHE PLAYS WITH VOLLEYBALL, CRIES WHEN IT HITS HER IN THE EYE**



# CALIFORNIA NAVAL WAR: 1847

by FRANKLIN D. ROOSEVELT

**EDITOR'S NOTE:** One of the most treasured items in President Roosevelt's library of American naval history is a set of 26 drawings depicting the Navy's action in the Pacific during the war with Mexico. These colored drawings were made on the scene by William H. Meyers, gunner on U. S. Sloop-of-War *Dale*.

At the President's suggestion, the 26 sketches will be published as a book by Random House in November. It is being printed by the Grabhorn Press at San Francisco in a limited edition of 1,000 copies, priced at \$25 each. LIFE herewith reproduces six of the colored drawings and excerpts from an article which Mr. Roosevelt wrote as an introduction to the book.

These sketches illuminate a chapter in America's westward expansion of which, as the President says, there is little other first-hand record. The chief result of the Mexi-

can War was to bring under U. S. rule the whole territory of California but the heavy action of the war was fought in Mexico proper. California itself was conquered by an American army whose concentrated forces at top strength included only about 600 soldiers, marines and volunteers, 100 drivers and Indians, and the landing crews from four ships. The Navy's role in the conquest was of great importance. On the sea it had no opposition, since the Mexican Navy in the Pacific consisted of one ship so decrepit that it could not sail into the wind. But the Navy gave the meager troops a mobility which enabled them to defeat a much larger number of Mexicans. San Francisco, Monterey and Los Angeles, the three principal settlements, were all taken from the sea. Also, the sailors from the ships served ashore in many engagements. LIFE has chosen sketches of action along the Mexican coast in which Meyers himself took part.

The war between the United States and Mexico came in an era when it was the fashion for strong European powers to build up empires by hoisting their flags over weakly held territories in all quarters of the globe. Only a generation previously the Monroe Doctrine had been set forth with a view to preventing such encroachments within the Western Hemisphere. Yet rumor, suspicion and fear continued to play upon the American imagination while covetous statesmen in Europe did not cease to scheme for the control of more lands on the continents across the Atlantic.

This was particularly true with respect to Texas and California. Although Mexico considered both of these extensive regions as belonging to her, they were in fact too remote and too difficult of access for the mother country to have much control over them. The practice of sovereignty could not actually be exercised by the comparatively weak government which centered in distant Mexico City. Therefore, the virtually self-governing potential empires in the Northeast and the extreme Northwest were all the more tempting to aggressive nations seeking new colonies.

Mexico had enjoyed her own independence but a decade before she was faced with partially successful revolt by Californians in 1831. After a lapse of only four years more, Texans proclaimed a provisional government of their own and defeated Mexican troops sent against them. Texas became an independent republic in fact by 1836 and was formally so recognized in 1837 by the United States, Great Britain, France and Belgium.

The political tension preceding the war [with Mexico] became acute as early as 1843 when England and France persuaded Mexico to make a truce with Texas. Although the implications were somewhat obscure, most persons assumed that these European powers intended some form of control over Texas, jointly or otherwise, and that similar action in California was not unlikely. Thus the Monroe Doctrine seemed to be in serious jeopardy in respect to territories which were actually contiguous to our boundaries. These conditions, strengthened by an emigration from the United States to Texas, served to hasten the preliminaries to the annexation of that Republic, a step eagerly desired by that country. Obviously such events threatened to lead us into war with Mexico.

Faced with these circumstances and even though Texas was not annexed until December 1845, President Polk took precautions in regard to California within a few days after his inauguration in March 1845. Instructions were sent to Commodore Sloat in the distant South Pacific to proceed to Mexican ports and, as soon as he had positive information of the expected declaration of war by Mexico, to seize San Francisco and other places.

The actual outbreak of hostilities in the east therefore found Commodore Sloat's Pacific Squadron distributed among the west

coast ports of Mexico and California. Although hostile operations on the Texas border began early in May, Sloat delayed his sailing from Mazatlan with a view to the capture of Monterey, until news of war was fully confirmed on June 6, 1846. Meantime very much needed reinforcements had been dispatched to far off California, among them the Sloop-of-War *Dale* of 16 guns. The *Dale* sailed from New York on June 6th, was off Cape Horn in late August and reached Mexican waters in early November, 1846.

On board the *Dale* was Gunner William H. Meyers of Philadelphia, to whom we are so much indebted for the exceedingly interesting and historically valuable series of water-color sketches. He had been in the Navy since 1841 when he had been appointed to the Warrant Officer rank of Gunner after service as a civilian in ordnance work. Probably he had been in the Navy previously as an enlisted man since he was then recommended by Master Thomas Harry, U.S.N., as a "good seaman, a good Navigator and of moral worth."

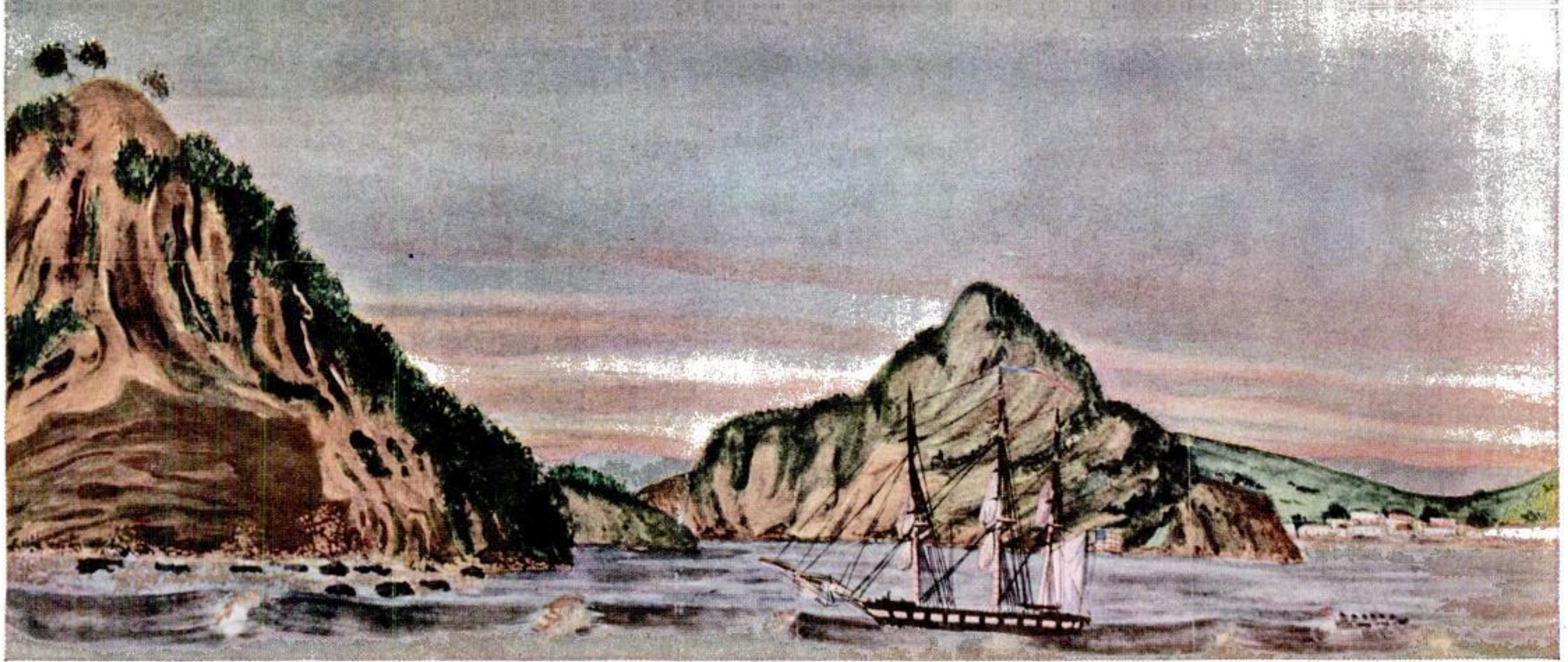
The first picture gives the reader a view of the good ship *Dale* upon her arrival at Mazatlan on November 15, 1846, after her passage around the Horn. She had now arrived in the theater of war, and getting scant news from a British Frigate lying in Mazatlan harbor the *Dale* sailed on the same day for San Jose at the southern extremity of Lower California. Arriving at the new destination on the 18th the local inhabitants were found to be "friendly disposed." After "watering ship," sail was made on the 21st for Monterey.

By means of Meyers' realistic sketches we are enabled to follow the epic naval conquest of California with an understanding which has heretofore been impossible. He participated in many of the scenes depicted, and for the others had the privilege of discussion with eye-witnesses. There seem to have been no facile pens among the handful of bold, hard-bitten husky sailors, marines, soldiers and frontiersmen who won that empire for us. No doubt pen and paper were scarce in that primitive region. Complicated war operations scattered through a thousand miles of virgin coast and country gave little opportunity for writing or sketching. Thus the very dearth of adequate contemporary literature adds much to the historical value of Gunner Meyers' brush.

In many years of collecting sketches, paintings and engravings relating to the Navy of the United States, I had found virtually none which had connection with naval operations in the Pacific in 1846 and 1847. When, therefore, I had the opportunity a few years ago of acquiring the original sketchbook of Gunner William H. Meyers, U.S.N., I realized its historical value.

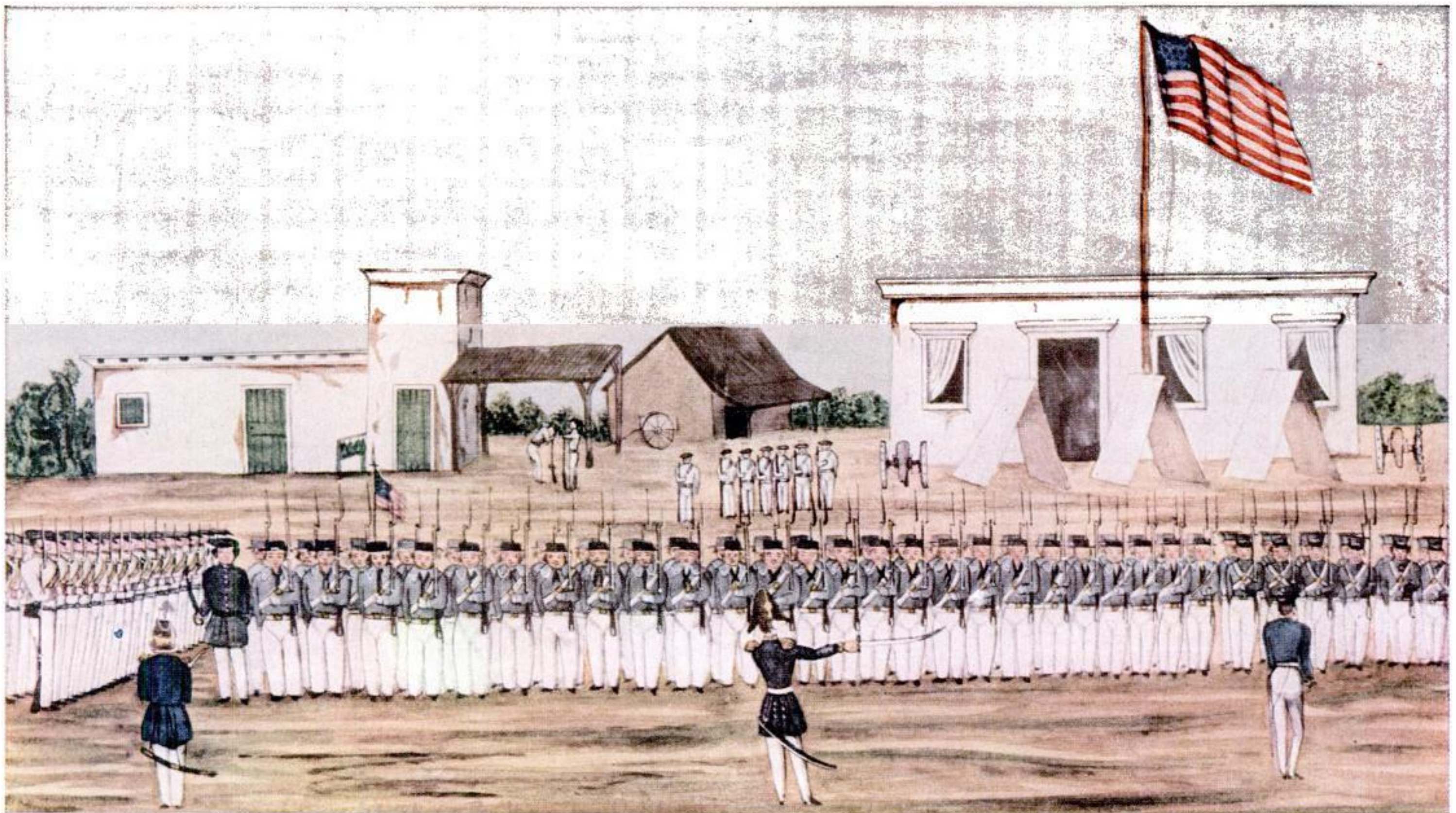
Not only do these sketches fill a definite gap in the history of this Nation and of our sister republic of Mexico, but they also throw an interesting light on the conduct of land and naval warfare less than a hundred years ago.





THE SLOOP-OF-WAR DALE anchors in the harbor of Mazatlan, on the west coast of Mexico, on Nov. 15, 1846. The war with Mexico was then six months old but the *Dale* had just arrived after a passage around Cape Horn, which had taken since early summer. A

landing party from the *Dale* is seen going ashore in a cutter. The Americans met no opposition either from the natives or from a British frigate which was also lying in the harbor. The American sloop-of-war was smaller than a frigate, had guns all on one deck.



UNITED STATES FORCES drill at La Paz, in Lower California. Fearing a land attack on La Paz, Commander Selfridge of the *Dale* sent sailors and marines ashore to drill with the U. S. soldiers holding the town. The soldiers, a detachment of 200 "New York Vol-

unteers," are at the far left. In the center are the *Dale* sailors with neckerchiefs and rolled collars, at the right the marines with crossed belts. Lieutenant W. T. Smith of the *Dale* points his sword. Below: a boat from the *Dale* conducts a foray against a Mexican camp.

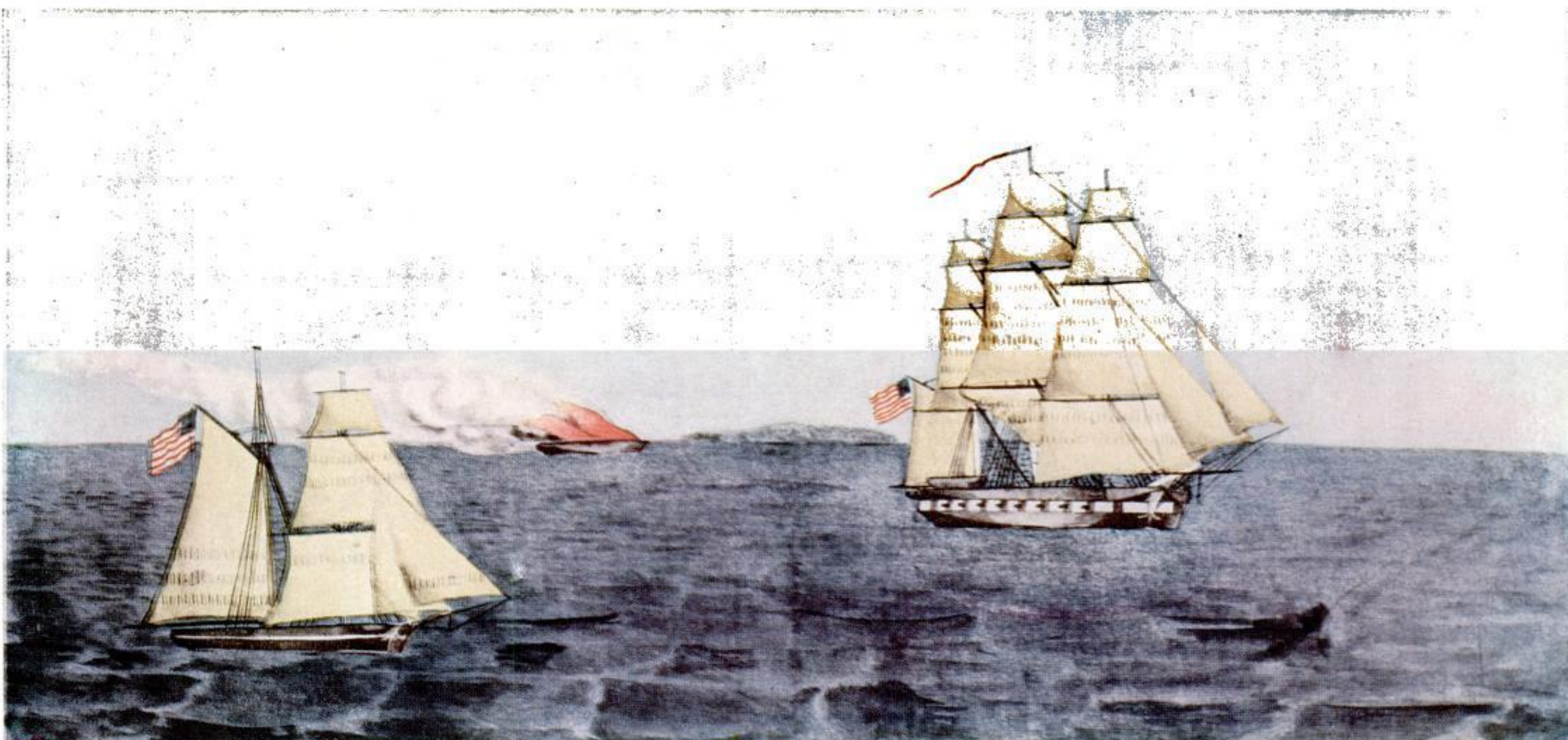






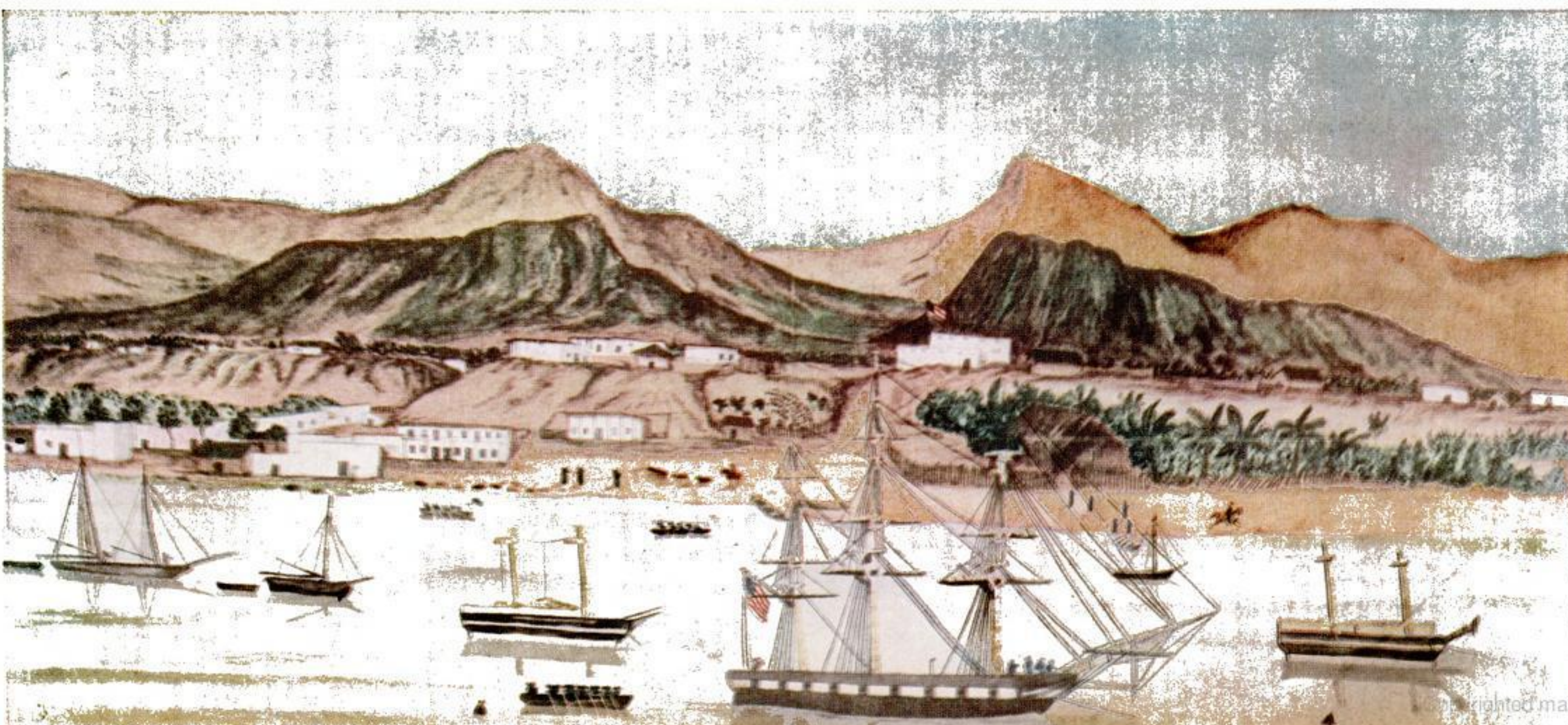
THE CAPTURE OF GUAYMAS in 1847 was the greatest excitement of the war for the men on the *Dale*. They had long been blockading the land-locked harbor. In November, Commander Selfridge bombarded the town and then landed with 70 men. Four hundred

Mexicans gave battle. While the *Dale* continues to bombard over their heads with round shot and shells, the landing party of sailors and marines (right) routs the Mexicans. The Mexican Army at this time wore the fancy European uniforms imported by Spaniards.



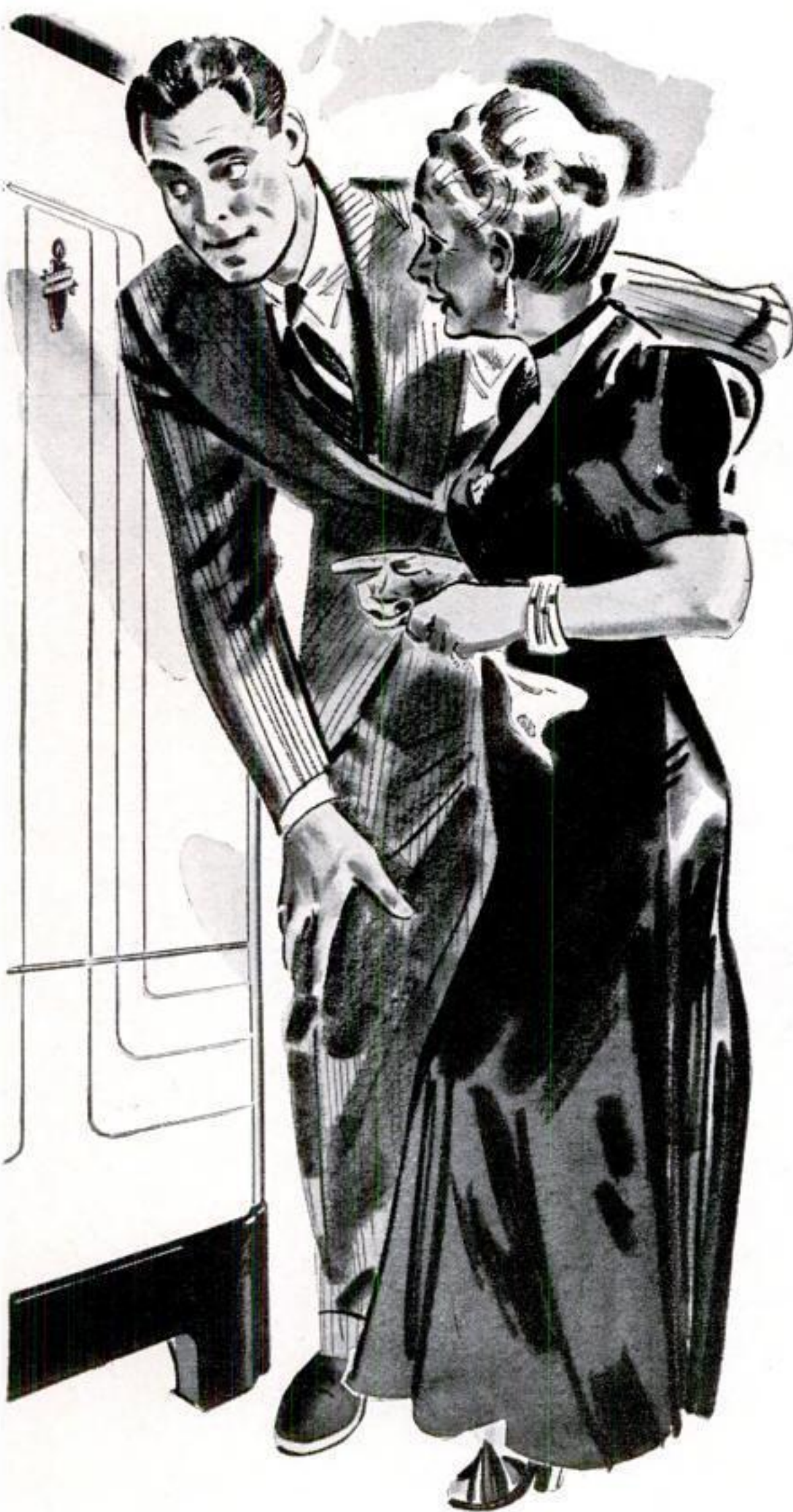
A MEXICAN SHIP BURNS AT SEA after an easy capture by the *Dale*. As soon as the crew of the Mexican ship, the *Madalena*, sighted the larger *Dale*, they ran her aground and got away. The *Dale* recovered the *Madalena* and was towing her prize out to sea when she

ran into threatening weather. The *Madalena* was set afire and abandoned. At the left is the schooner *Libertad*, a Mexican ship chartered by the U. S. during the war to operate along Mexico's west coast. Below: the *Dale* in harbor of La Paz, with Mexican vessels.





# “Listen to this one... says my intended Mother-in-law”



“—and I’ll tell you why you should start married life with the refrigerator that freezes silently with **NO MOVING PARTS**”



**1** “YOU SEE, IT CAN’T MAKE A NOISE,” she begins. “You don’t hear anything now—and you never will. There’s no machinery. I don’t pretend to know a great deal about such things, but Dad says that tiny gas flame takes the place of moving parts. So, there’s nothing to wear!”



**2** “YES—AND NO WEAR MEANS SAVINGS,” she adds. “I can vouch for *that* ’cause I pay the bills around here. Our Servel runs for just a few cents a day year in year out. Now, if I were starting in, like you and Jane, I wouldn’t have anything but...” and then she stops and looks at me as though she has an idea.

**3** “WERE WE SURPRISED! You could have whisked us over with a daisy when we walked into the kitchen of our new home. Think of it—a silent, money-saving Servel for a wedding present. Boy! I guess I know how to pick a mother-in-law, eh?”

**4** NEWLYWEDS AREN’T THE ONLY ONES who can appreciate the big advantages that only Servel offers!

Today, more and more families with old and worn out refrigerators are replacing them with the *one* automatic refrigerator that freezes with no moving parts. For Servel Electrolux is silent when you get it . . . and *stays* silent. And it saves you more for more years, too.

See this *different* modern refrigerator at your gas company or neighborhood dealer’s—this week! Get all the facts. Remember, your own gas company offers prompt service facilities for every Servel it installs.

For Suburban and Rural Homes, Models Run On

**BOTTLED GAS, TANK GAS  
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Write for details to: Servel, Inc., Evansville, Ind.

FAMILIES WHO’VE HAD EXPERIENCE ARE CHANGING TO  
... the refrigerator you hear about—but never hear!



“Our experience with another type refrigerator decided us on a Servel this time. Friends told us that it couldn’t make noise because of the simpler way it works. And they were right.”  
—Mrs. C. Huntzinger, 2328 S. 32nd Ave., Omaha, Neb.



“I decided that our next refrigerator would be a Servel after visiting friends who had one. I can honestly say that it never makes the slightest noise, never gives trouble.”—Mrs. R. B. Riley, Jr., 5724 4th St., N. W., Washington, D.C.



SEE SERVEL’S “MAGIC CAVES OF ICE” AT NEW YORK WORLD’S FAIR—SEE SERVEL AT THE GAS INDUSTRY EXHIBIT AT THE GOLDEN GATE INTERNATIONAL EXPOSITION





THE "PROTEUS," WHICH CARRIED GREELY ON HIS ARCTIC EXPEDITION, STUCK IN THE ICE NEAR ELLESMERE ISLAND



GREENLAND ESKIMOS PHOTOGRAPHED BY GREELY



A MAID ON A MOUNTAIN, PHOTOGRAPHED BY BRADY



GEN. ADOLPHUS W. GREELY (1844-1935)

# THE ARMY'S PHOTOGRAPHS

**SIGNAL CORPS COLLECTION IS TOPS**

STANDING IN FRONT OF THE CAPITOL. ON MARCH 4, 1869, PRESIDENT GRANT READS HIS FIRST INAUGURAL SPEECH



FIRE IN PHILIPPINES, 1899. NOTE PHOTOGRAPHER



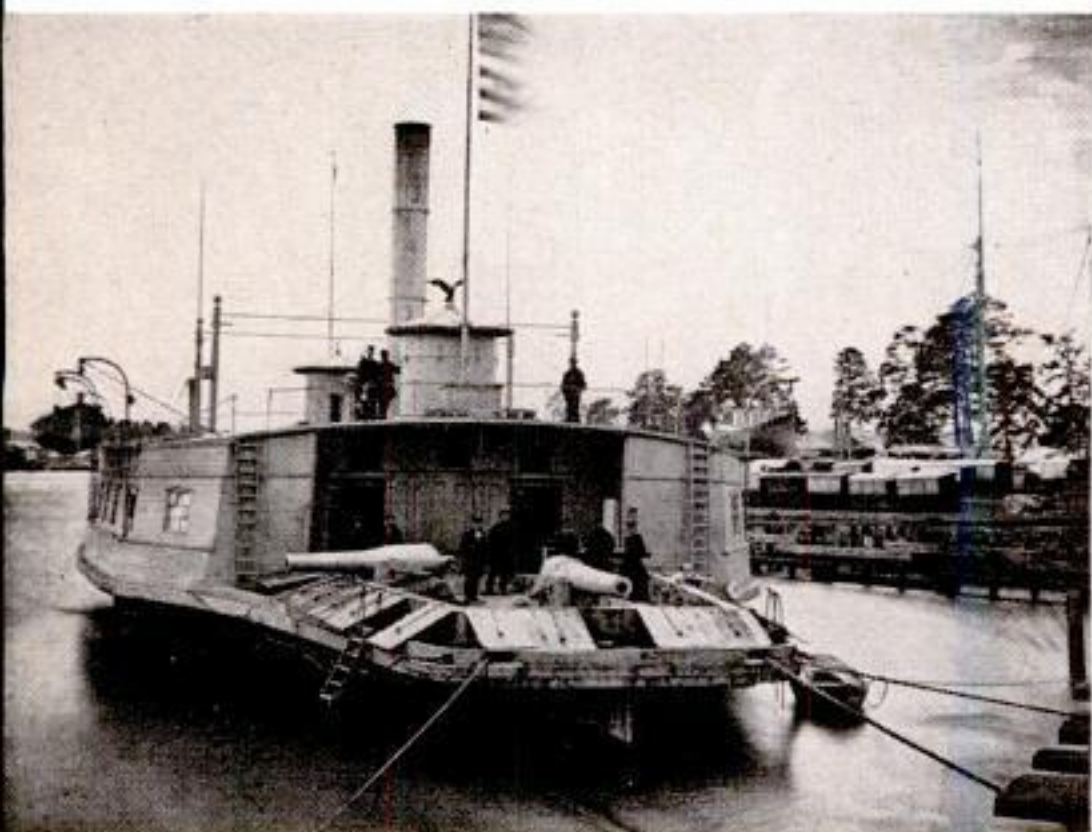
BELOW: SOLDIERS WHO CAPTURED APACHE GERONIMO



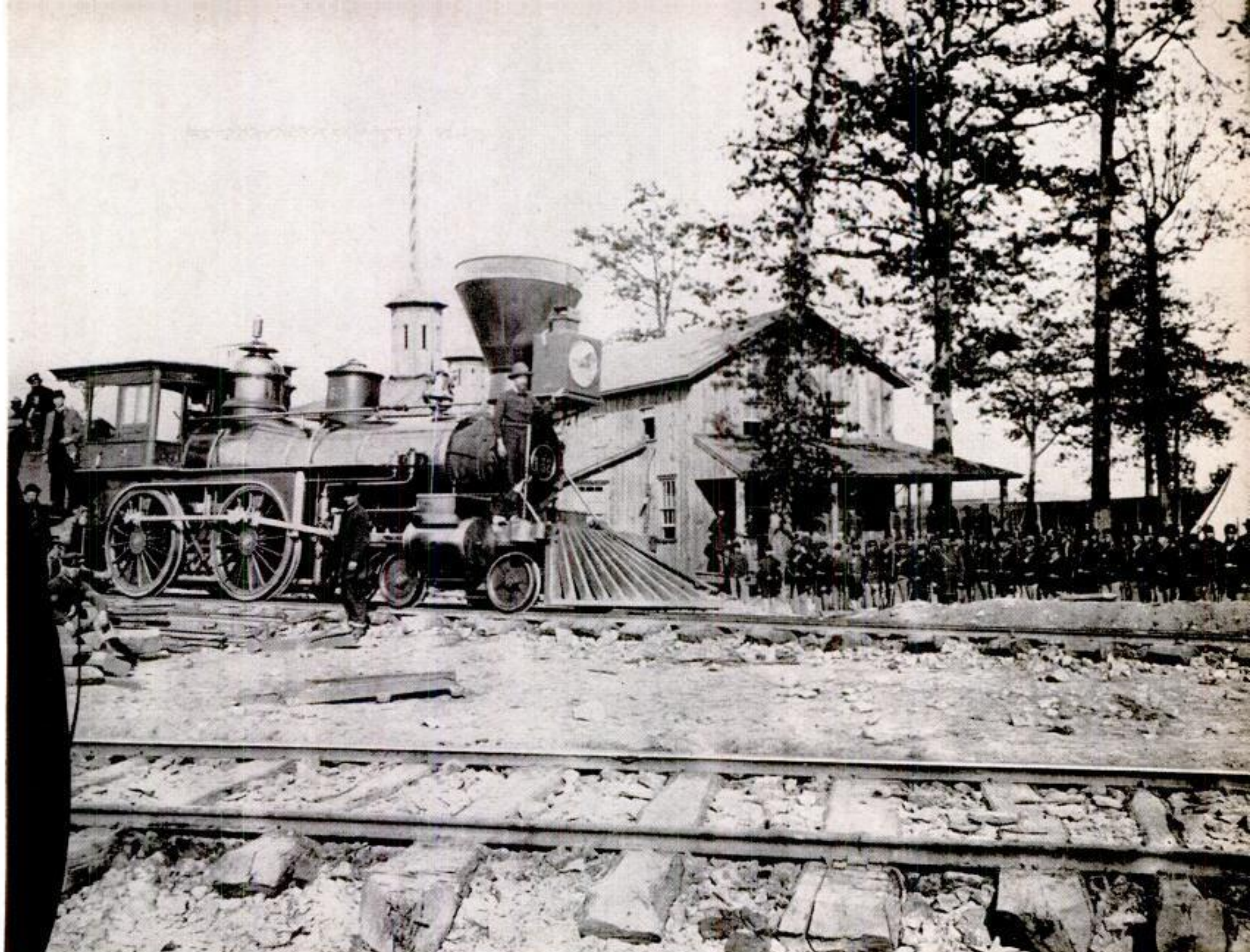




UNFINISHED CAPITOL, 1860. TIBER CREEK IN FRONT



FERRYBOAT CONVERTED INTO UNION GUNBOAT



MC CLELLAN'S TROOPS ENTRAIN AT ALEXANDRIA, VA., TO REINFORCE POPE AT THE SECOND BATTLE OF BULL RUN

The best collection of photographs of U. S. history is owned, strangely enough, by the U. S. Army. In its bulging files, the Army's Signal Corps has 125,000 pictures of America. They go back as far as the early 1850's, come right up to the present moment. Most of them concern the Army. But among them are thousands of pictures which have no direct connection with military affairs: river steamboats, presidential inaugurations, gambling dens, a girl in a hoopskirt sitting on a mountainside (*opposite page*).

The Signal Corps' interest in photographs started with Adolphus Washington Greely who, in 1882, led an Army expedition to within 450 miles of the North Pole. Lost in the Arctic, the expedition was rescued in 1884. Only seven of its 25 members were left. Nevertheless Greely managed to bring back 140 photographs of his expedition.

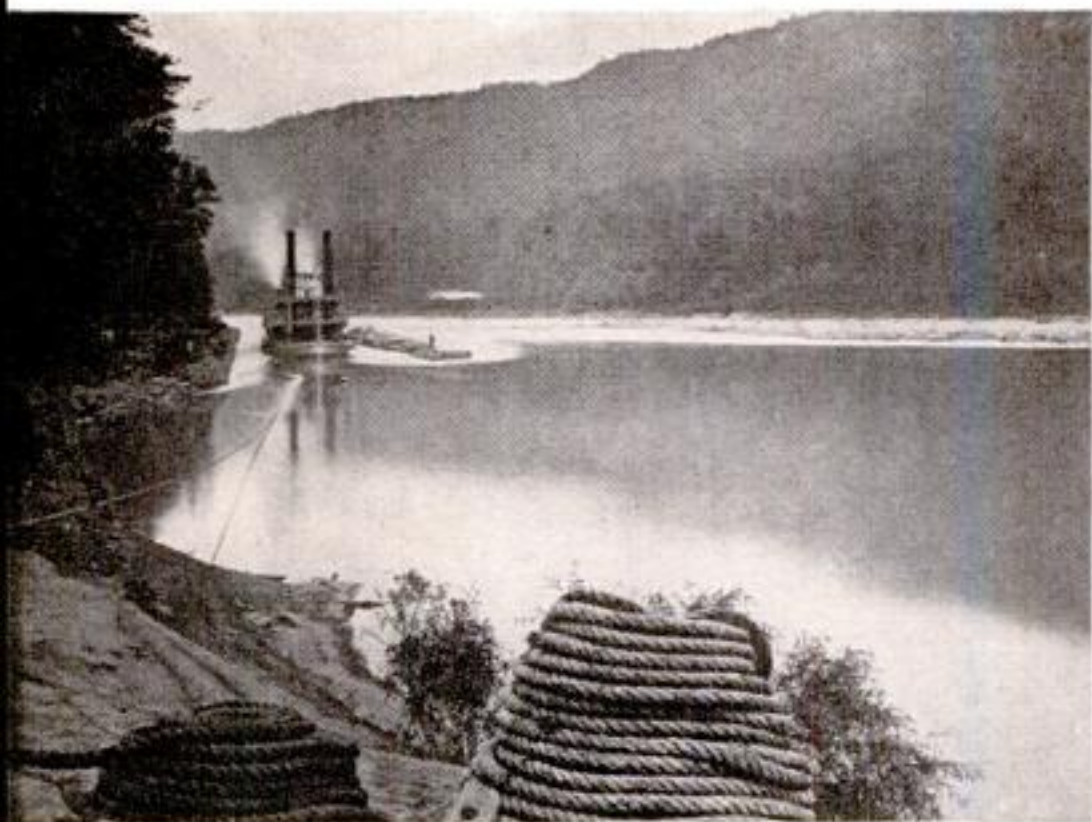
A few years later, when he was made brigadier general and chief of the Signal Corps, he learned that the Army owned the great collection of Civil War photographs taken by Mathew Brady. They were neglected, unused, uncatalogued. General Greely took charge of them and then managed to have all the photographs belonging to the State, War and Navy Departments turned over to the Signal Corps. In gathering pictures about the Army, he also acquired photographs which had only a remote relation to the Army. During the Spanish American War, the Signal Corps began to take its own pictures. During the World War, it trained 3,000 men to be its photographers.

Today the Signal Corps spends \$100,000 a year taking pictures. Its photographers cover all activities in which the Army takes part—maneuvers, parades,

disasters. It produces educational films used in training soldiers. It makes photographs for Army publicity and records. If, for example, a cavalry horse breaks a leg, the Signal Corps photographs it as evidence that it was necessary to destroy the animal.

Picture taking is, of course, only a small part of the work of the Signal Corps, whose main duty is to establish and maintain all Army communications. The existence of its wonderful picture collection is virtually unknown. It is possible for anyone to get a Signal Corps picture by sending 40¢ per print to the Washington office. Most requests come from A.E.F. veterans who want photographs of themselves and their Wartime buddies. Here-with LIFE dips into the Signal Corps collection and pulls out some astonishing photographic material.

STEAMBOAT IS TIED UP AT TENNESSEE RIVER LANDING



U. S. CAVALRY AT WALL OF CHINA, BOXER REBELLION



BEFORE THE MASSACRE AT LITTLE BIG HORN, GENERAL CUSTER (LIGHT FELT HAT, CENTER) POSES WITH A PICNIC PARTY





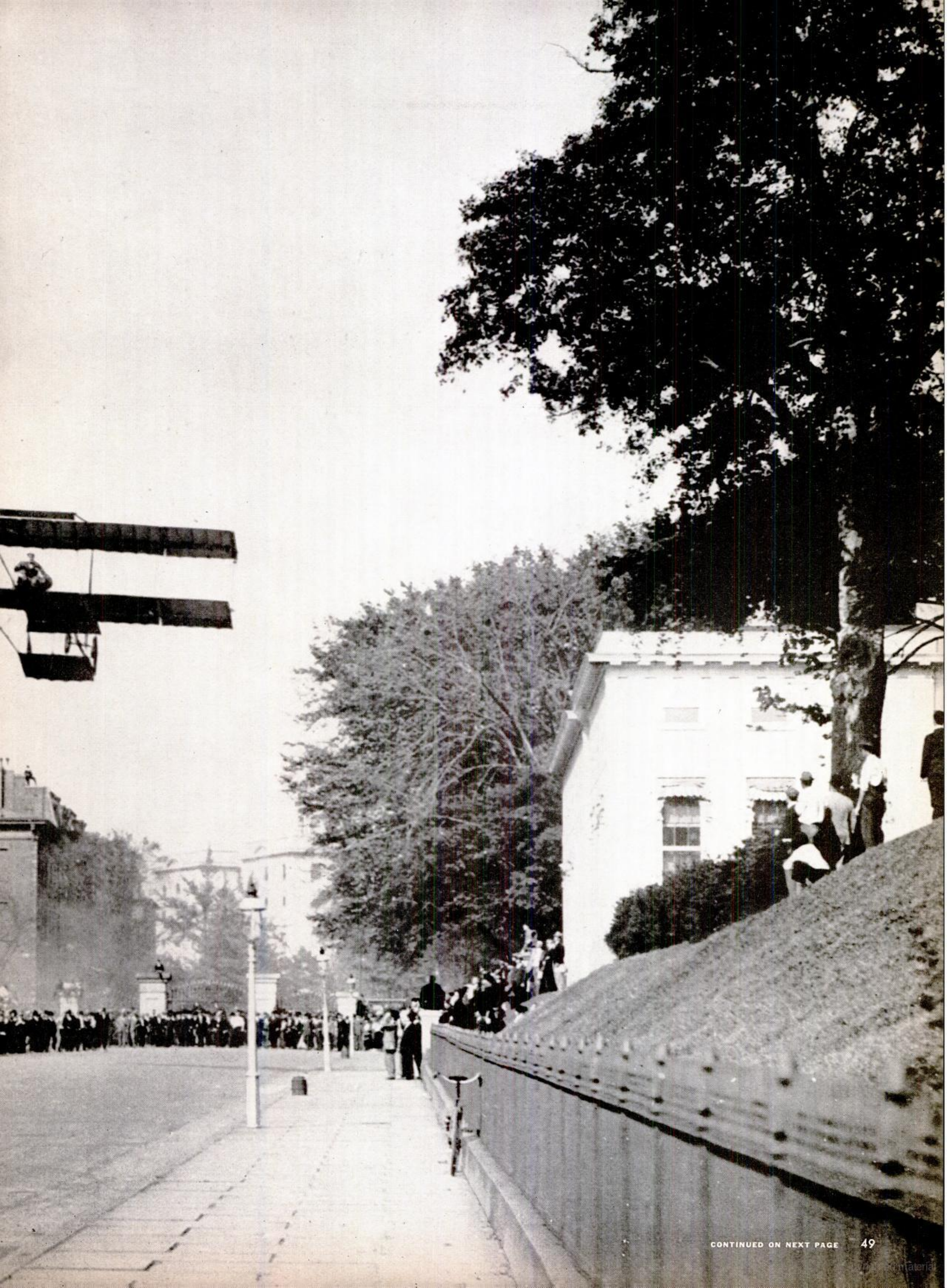


## PLANE TAKES OFF ON WASHINGTON STREET

**O**n Oct. 14, 1910, Claude Grahame-White, famed English aeronaut, landed his Farman biplane in West Executive Ave., Washington. After calling on Signal Corps, Mr. Grahame-White backed his plane against the fence at end of avenue, took off down the nar-

row street between State, War & Navy Department Building (*left*) and the White House executive offices (*right*). For a breathless moment, as its wing tips brushed the trees, the box-kite plane wobbled. Then, as this Signal Corps picture shows, it flew safely off.





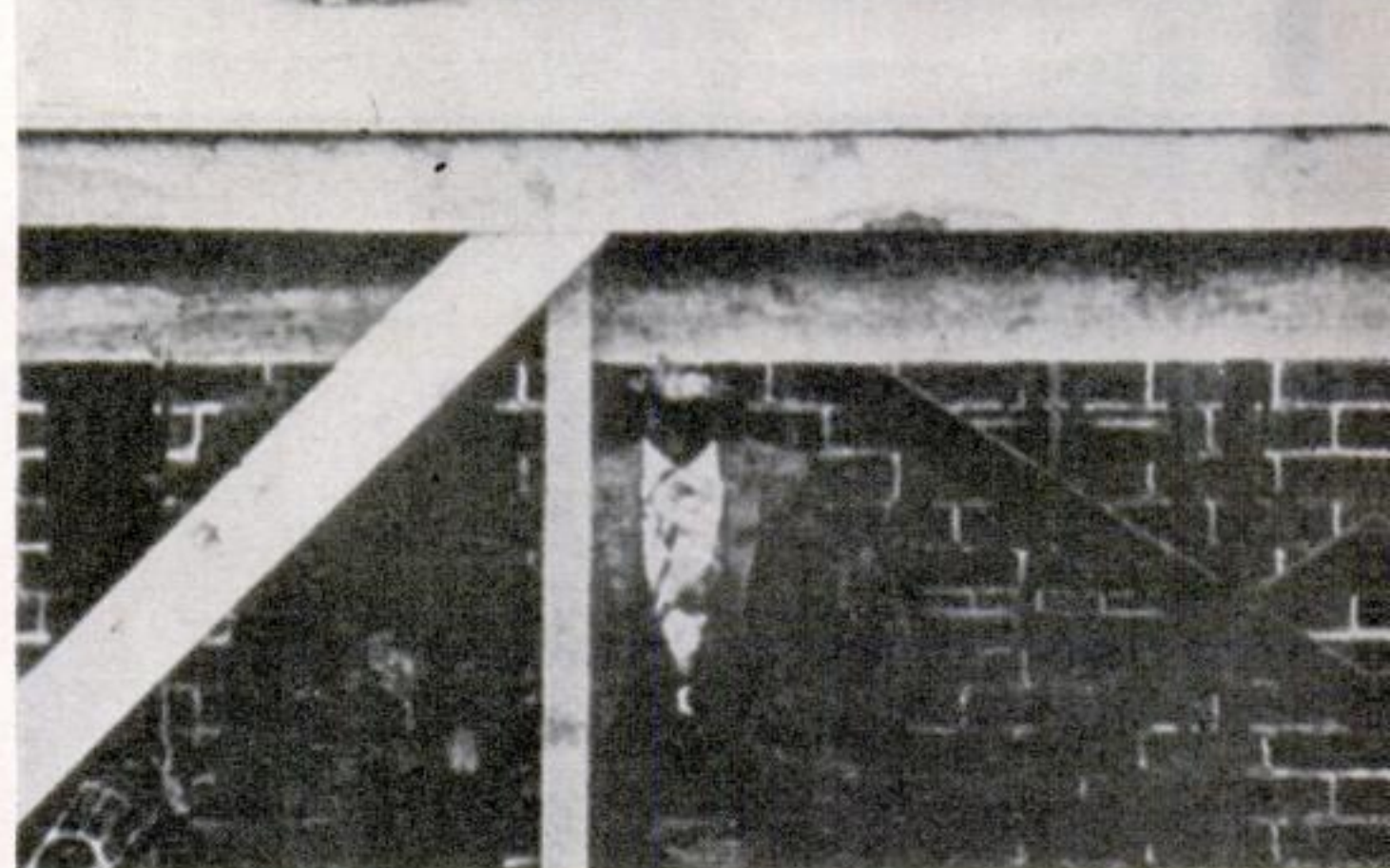




A Civil War hospital is festooned with flags and streamers to cheer the convalescent Union soldiers. This is Carver Hospital, Washington, on a Visitors' Day in 1864. Note two women visitors.



Atlanta, 1864, after Sherman had captured it. This view is across Georgia Railroad tracks and down Peachtree St. Sherman destroyed all public buildings, like the Atlanta Bank on corner.



The hanging of "Black Jack" Tom Ketchum in Clayton, N. Mex., in 1901 brought to an end the life of one of the Southwest's worst bad men. A killer and desperado, who



HORACE GREELEY, "TRIBUNE" EDITOR



TAD LINCOLN, THE PRESIDENT'S SON

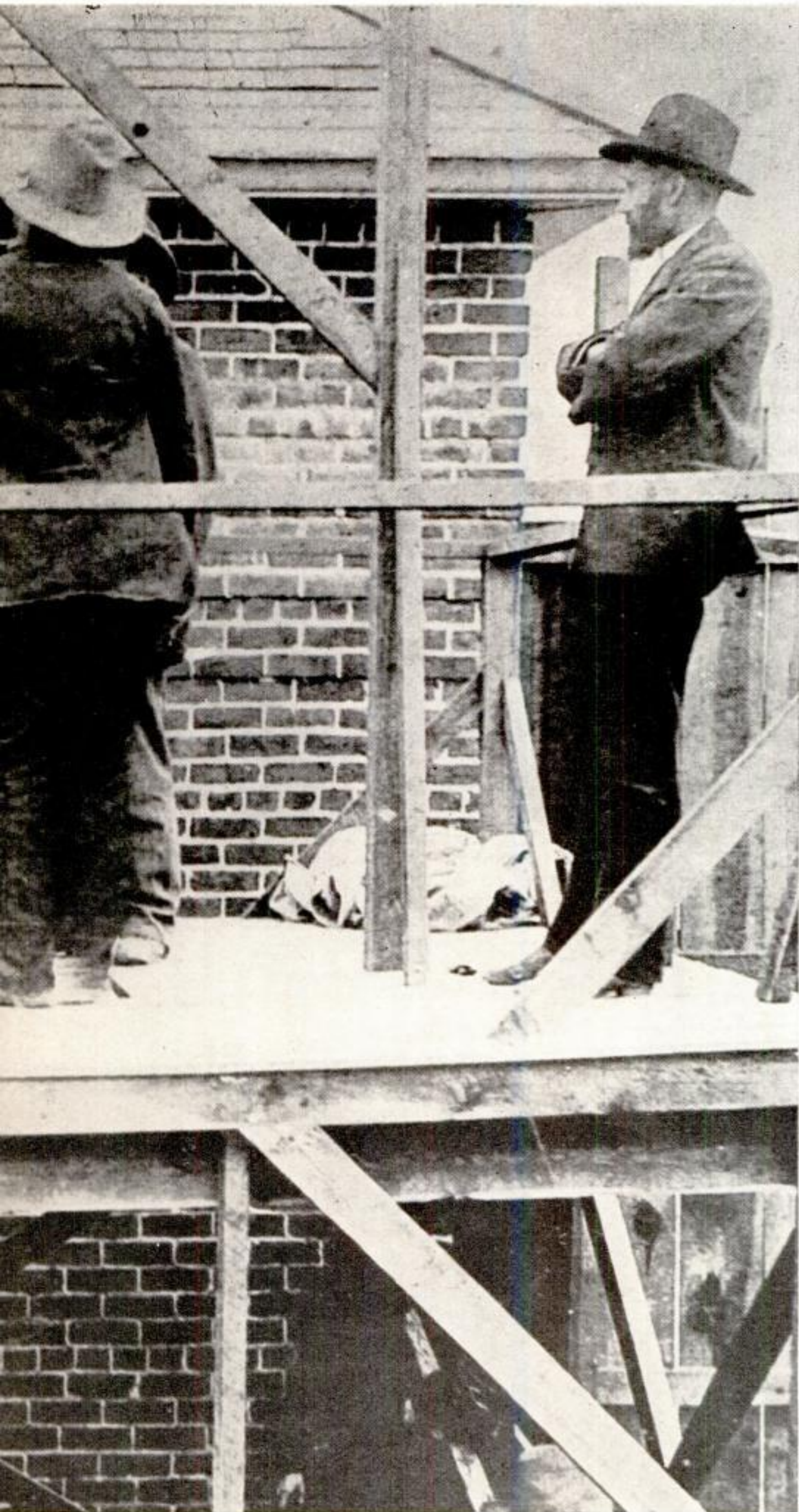


JUDAH P. BENJAMIN, SOUTHERN LEADER

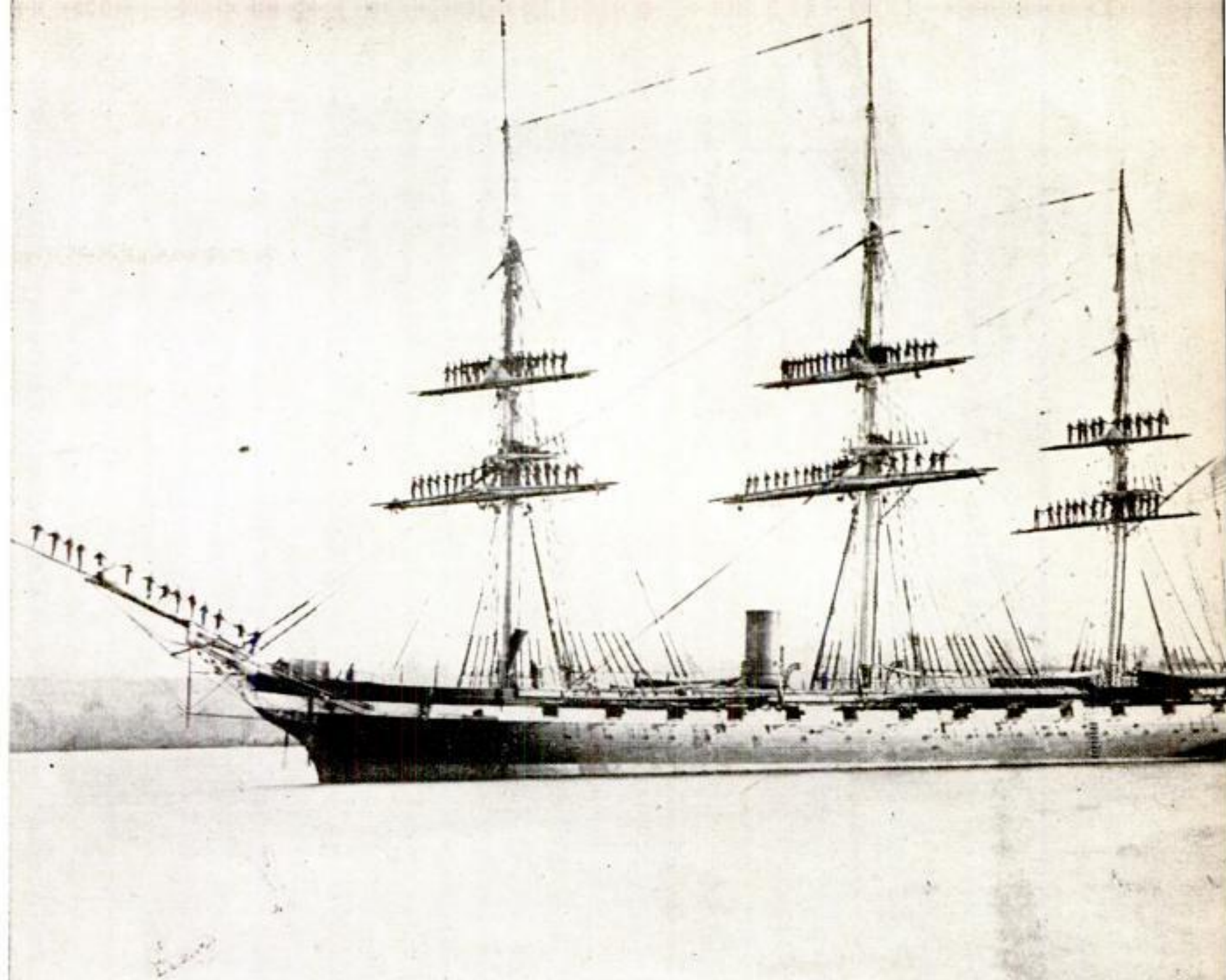


EDWIN BOOTH, GREAT SHAKESPEAREAN





never hesitated to shoot women and children if they were in the way, Black Jack was captured after a daring attempt to hold up a Colorado & Southern train singlehanded.



"Pensacola," photographed with her crew manning the yards, was one of the first steam-driven

sloops of war. She led Union fleet in capture of New Orleans in 1862, was scrapped in 1911.



The Orient Saloon in Bisbee, Ariz., 1903. The game is faro. Johnny Murphy is the dealer. At

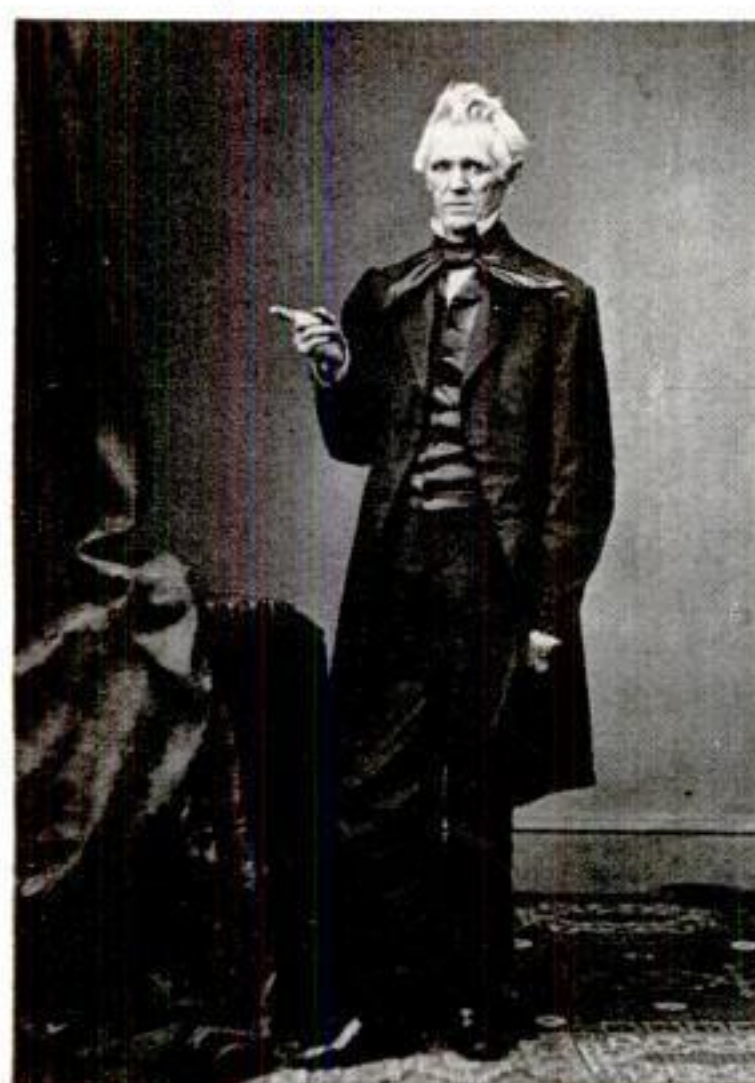
right in the silk hat is Smiley Lewis. At far left in derby is Tony Downs, co-owner of the saloon.



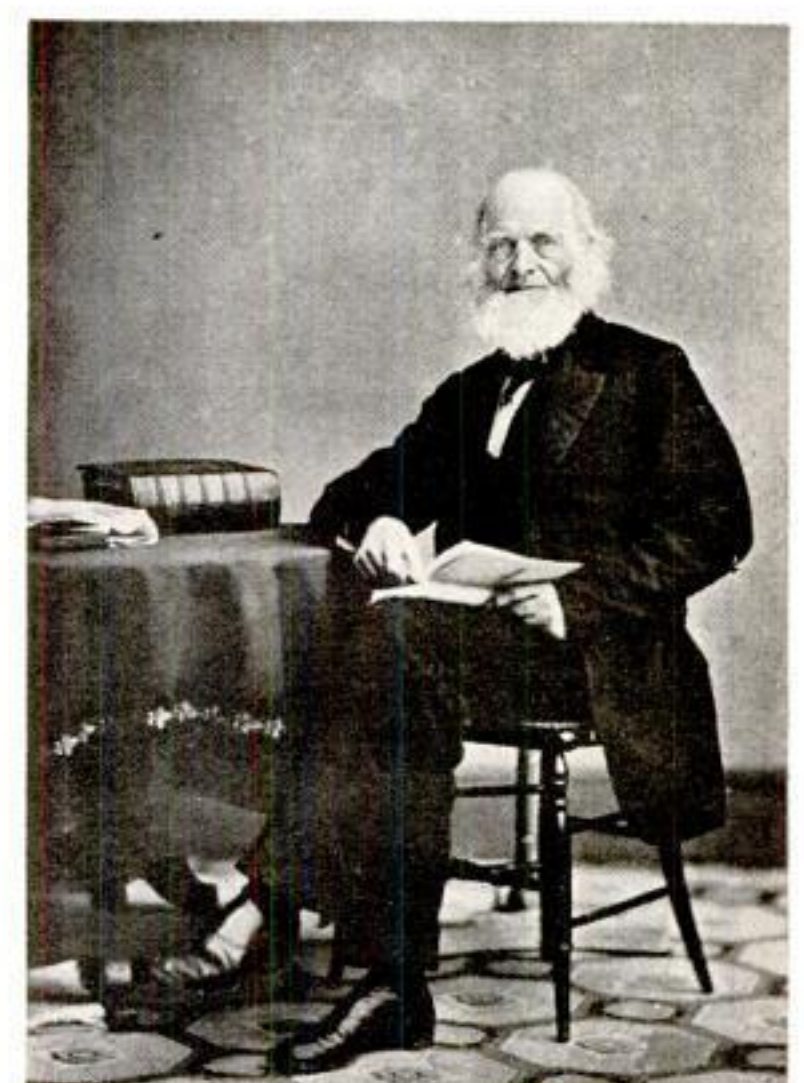
CONFEDERATE GENERAL BEAUREGARD



WILD BILL HICKOK, WILD WEST HERO



AUSTIN A. KING, CONGRESSMAN, 1862



WILLIAM CULLEN BRYANT, POET





## RHINELAND WATCH

The Signal Corps followed the A.E.F. through the War and into the Rhineland. This is Corporal James C. Sulzer, 4th Army Corps, who has been in Germany only a few weeks but has already acquired a big-bowled German pipe. He

sits on a crag surveying the village of Cochem, the Moselle River and the vineyards—well tended despite the war—which yield Moselle wine. The huge castle is not as old as it looks. It was built in the 1870's for a rich Berliner.





The Signal Corps captions this photograph: "Group of American soldiers in wrecked church enjoying song. Exermont, Ardennes, France, Oct. 11, 1918." Exermont is near Rheims. On Oct. 9 the Allies, after a seven-day battle, had

driven the Germans from their positions around Rheims. In this battered church doughboys found a piano. Shell-fire had shaken from the wall the painting of Christ on way to Golgotha but statue of the Virgin was still intact.

## DOUGHBOYS' SONG







## THE 23RD INFANTRY MOVES UP UNDER FIRE

**O**f the many great World War pictures taken by U.S. Signal Corps photographers under front-line fire, none is better than this. Here in a forest of black stumps and trees without branches, four soldiers of the 23rd Infantry move up on a German position. An

enemy shell has just exploded a few yards away, sending up a spatter of white dust at right rear. Two soldiers, who had thrown themselves to the ground, pick themselves up to advance and the gun crew, almost smacked out by the shell, calmly resumes firing.







With arms and legs swinging wide, Alice Marble jumps over the net to greet her beaten opponent

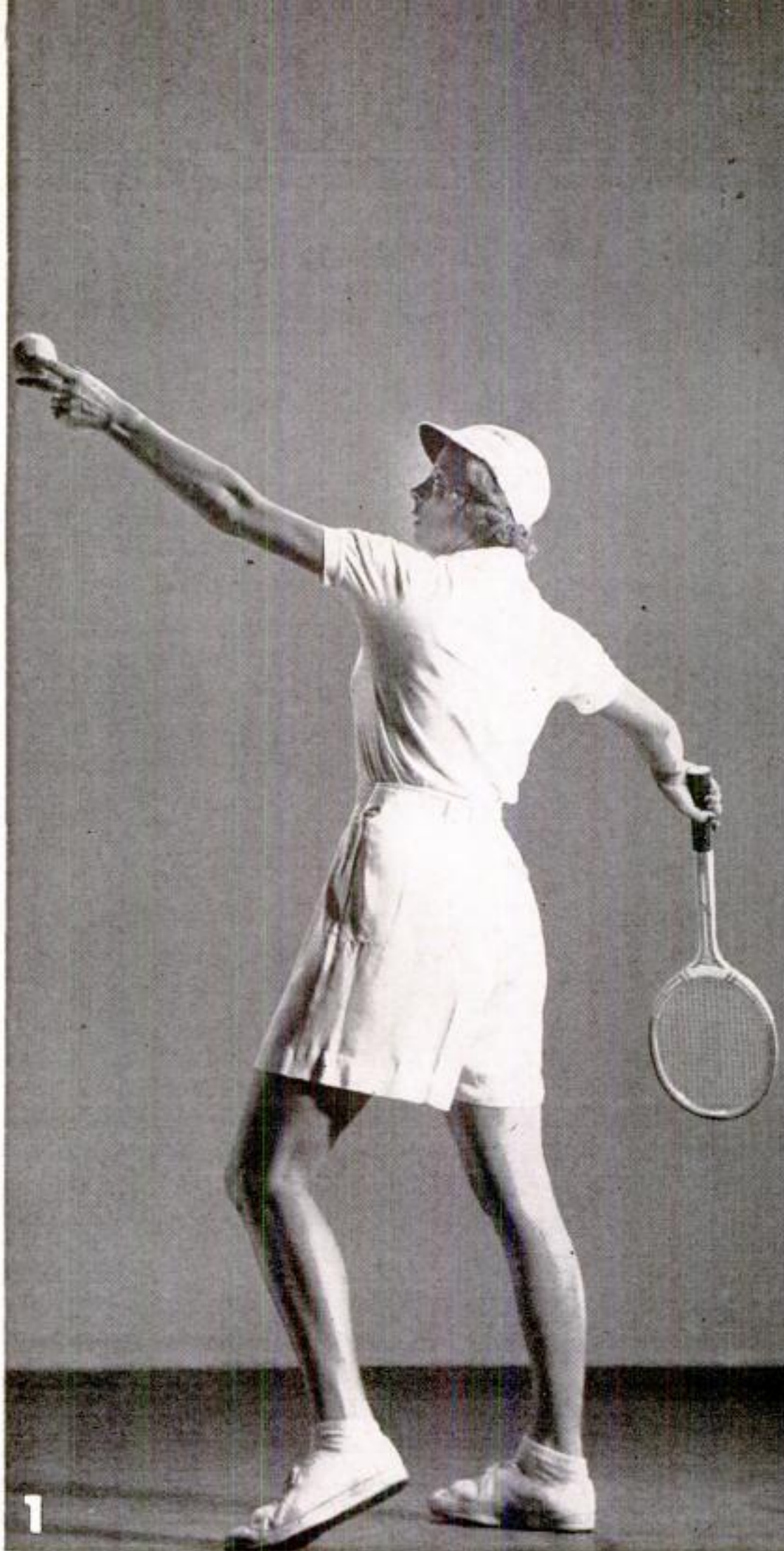


# ALICE MARBLE PERFORMS FOR HIGH-SPEED CAMERA

When the best girl tennis players of England and America gather at Forest Hills, Long Island, this weekend for the Wightman Cup matches, the greatest player on the courts will be long-legged Alice Marble of San Francisco. With her speedy drives and crashing overhead smashes, she should not lose a match, will almost certainly insure America's winning the Cup for the ninth time in a row.

Newspaper writers like to think of Alice Marble as a glamor girl. They prattle about her beautiful clothes, her night-club singing, her movie offers. They call her the "streamlined Venus of the tennis courts." All this is nonsense. She is a pretty girl who looks well in shorts. Her arms and legs are too long and muscular, and she plays too much of a slambang game of tennis to be glamorous. As a kid in California, the daughter of a cattle rancher, she was a real tomboy, spent her afternoons shagging flies for the San Francisco Seals' baseball team. At 14, when she took up tennis, she didn't like to play with girls because they played much too gently. Even today, at 26, she is somewhat of a tomboy, hits a tennis ball harder than do most men. In fact, if she had her way, she would play only in men's tournaments.

These remarkable pictures, taken by Gjon Mili's fast-action camera, show Alice's serve and overhead smash. More particularly, they show the strain under which she plays, how her muscles grow tense and how she puts all her strength into each shot.

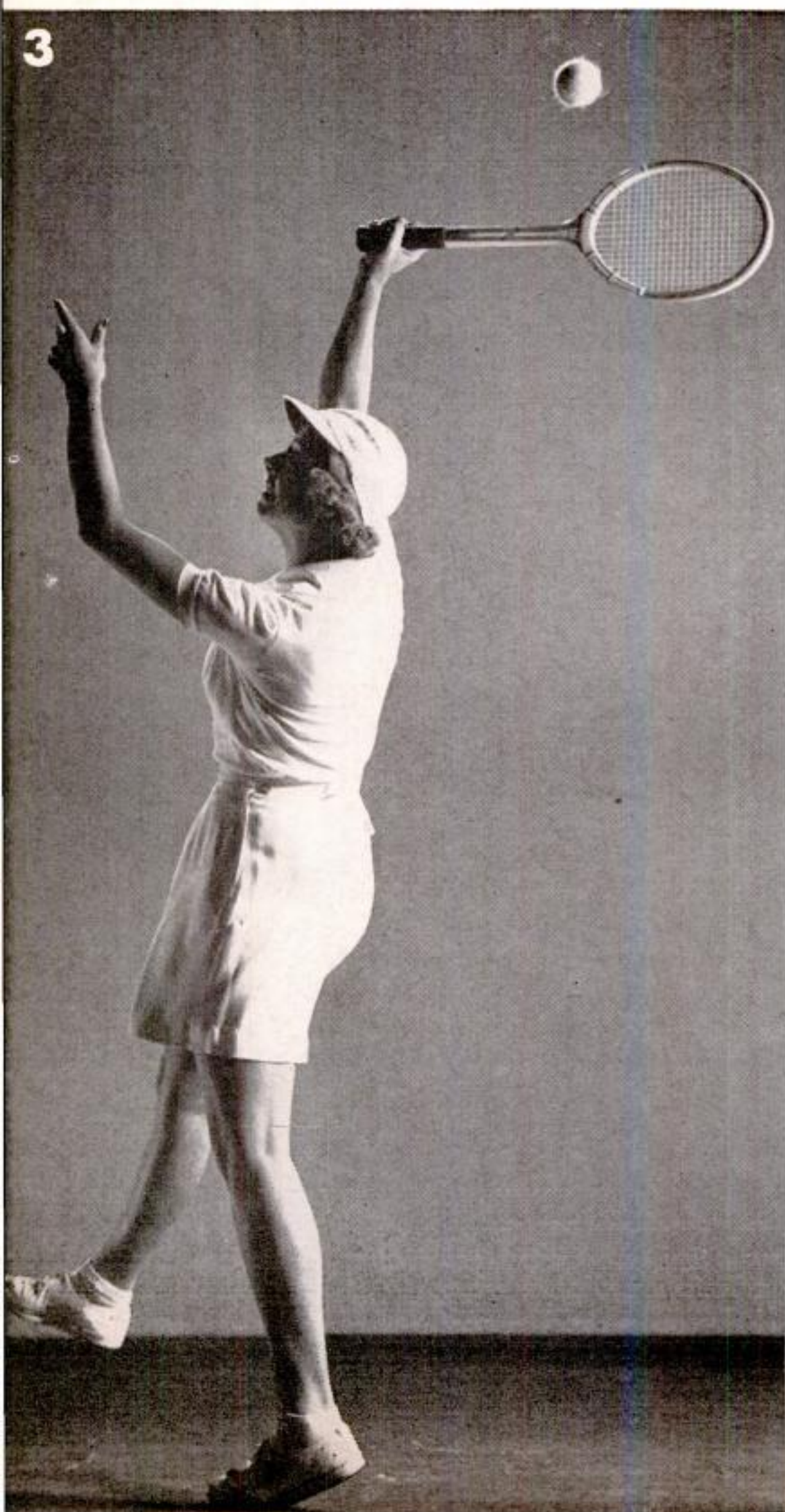


FOR THE SERVE, MARBLE TOSSES THE BALL STRAIGHT UPWARD, TAKES A FULL CIRCULAR BEHIND-THE-BACK WIND-UP

SHE LEANS BACK, HITS THE BALL OVER HER LEFT SHOULDER.

HER WRIST IS LOOSE AND COMES FORWARD WITH A SNAP.

IF HIT THIS WAY, THE BALL WILL HAVE TOPSPIN ON IT





*Would you  
take this  
CHANCE?*



THOUSANDS of car owners, without realizing it, daily run risks almost as great as the one this police officer is taking. Smooth tires, worn tires, tires with treads that won't hold the road, are a constant menace—particularly when the road surface is wet. Skids cause many more accidents than blowouts. Play safe! Guard yourself and your family with Fisk Safti-Flights—the tires that keep your car on the road and bring it to a straight line stop faster than you would believe possible.

THE FISK TIRE CO., INC.  
Chicopee Falls, Mass.

*The white cross-strips which you see are inserts of soft but very tough rubber, which extend below the ribs. Their purpose is to make the tread flexible and thus to increase its stopping and non-skid efficiency. While the ribs actually are continuous, without break or cut, the effect of the gum inserts is to divide the tread into hundreds of deep, flexible blocks.*

Copyright 1939  
The Fisk Tire Co., Inc.



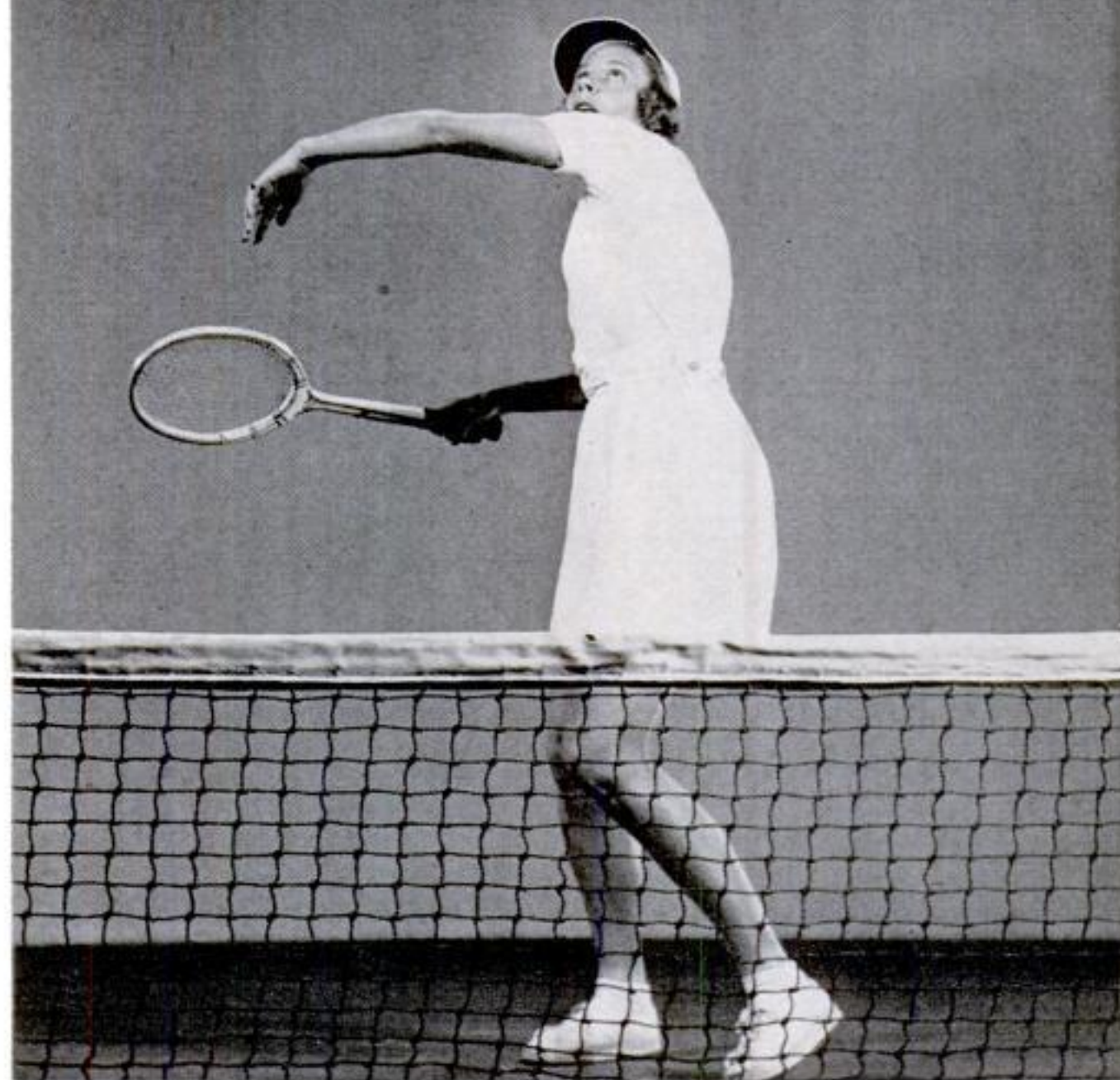
**FISK**



TIME TO RETIRE  
"GET A FISK"  
MADE IN U.S.A.

PLUS Protection IN THE SKID ZONE ★ ★ PLUS Protection IN THE BLOW-OUT ZONE

Alice Marble (continued)



For a hard overhead smash, Alice Marble winds up as if she were throwing a baseball. To get in position, she dances on her toes, keeps her eyes continually on ball.



As the ball drops, Alice is directly under it, her right foot swinging high off the ground. Her arm goes straight back and she hits from an open, overhand swing.



★ ★ ★  
**HENNESSY**  
COGNAC BRANDY



**H**ennessy-and-soda . . . a winner on land or sea! For the combination of Three-Star Hennessy with soda makes a refreshing highball of rare goodness. Indeed, the quality, bouquet and "clean" taste of Three-Star Hennessy enhance the flavour of *any* mixed drink calling for brandy. Try Hennessy-and-soda.

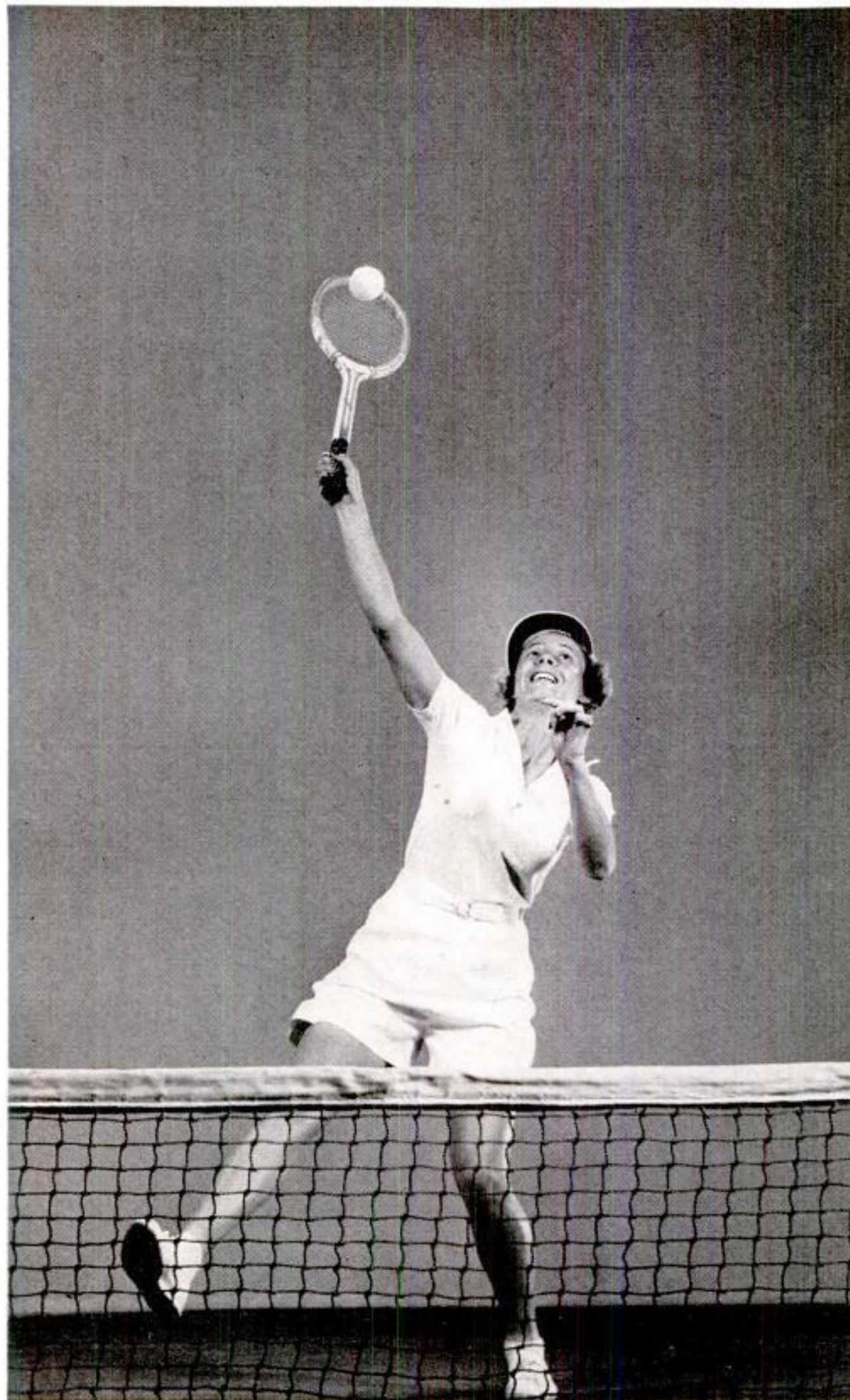
★ quality  
★ bouquet  
★ clean taste



84 PROOF

Distilled and bottled at Cognac, France  
JAS HENNESSY & CO. Established 1765

SOLE U.S. AGENTS: Schieffelin & Co.,  
NEW YORK CITY • IMPORTERS SINCE 1794



The ball is smashed well out in front of body with the exact center of the racket. Alice does not hit the ball downward, but smashes it deep toward the baseline.



On the follow-through, the arm is straight out from the body, the right leg still off the ground. For these pictures the net was lowered a foot below standard height.



*You'll  
"kick up your legs"  
about Wisk*

... pull-less, smell-less way  
to get rid of unwanted hair

**W**ISK was created for you dainty, fastidious women who recoil at smelly paste depilatories and rebel at painful waxes. Without insult to your nose or nerves, this amazing cool cream makes a clean sweep of unwanted arm and leg hair at the skin surface. And, unlike your razor, Wisk brings no bristly, "porcupine" after-growth. Have you discovered Wisk yet?

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sold at beauty shops only.  
For supreme luxury, enjoy a Wisk  
professional treatment at your  
favorite beauty shop.

**Wisk**  
MADE IN U.S.A.  
PAT. OFF. 1938

**COOL CREAM  
HAIR REMOVER**



**REMOVES HAIR**

... no pain ... no stench



FOOLHARDY TO  
'BAIL OUT' WHEN  
**HEADACHE** MAKES  
YOU **TENSE**. I TAKE  
BROMO-SELTZER

*says*  
**JOE CRANE**  
PARACHUTE  
JUMPER



**BROMO-SELTZER**  
relieves **HEADACHE**,  
calms your **NERVES**

FOR OVER 50 YEARS, MILLIONS  
HAVE RELIED ON BROMO-SELTZER  
FOR FAST HEADACHE RELIEF\*

\*For frequently recurring or persistent  
headaches, see your doctor. For ordinary  
headaches, take Bromo-Seltzer.

**BONDED  
CARBONATION  
MAKES IT  
A MORE  
LIVELY MIXER**



**CLICQUOT CLUB SODA**  
IN FULL, 32-OUNCE QUARTS  
AND SMALLER SIZES

### THIS MONTH IN FORTUNE

**The Republican Party** . . . how businessmen have rallied the G.O.P. from extinction in a revival *FORTUNE* calls "perhaps the most exciting phenomenon in contemporary politics."

**Loew's Inc.** . . . which is still the biggest money-maker in the movies despite such boners as rejecting Fred Astaire with a "Can't act; slightly bald; can dance a little."

**Hydraulic Drives** . . . introducing the next revolution in motoring with the first full explanation of how Chrysler and General Motors are threatening the gear shift with obsolescence.

**And' Transportation Policy and the Railroads** . . . America's Newspapers . . . Pianos . . . Larchmont Yacht Club . . . Bucyrus-Erie . . . An American Letter: Knoxville.

**FORTUNE** is sold by subscription only at 330 East 22nd Street, Chicago. The price is \$10 a year.

**IMPORTANT** *for men who*  
*shave with* **ELECTRIC RAZORS**



**I**F YOU'RE ONE of the two million moderns who use an electric razor, these facts will interest you and help you get a perfect electric shave every time. No experimenting. No white scuff.

The problem with an electric razor is to dry the oily film off whiskers so your shaver can clip them off crisply and closely. That's why many men need this kind of preparation for a proper electric shave.

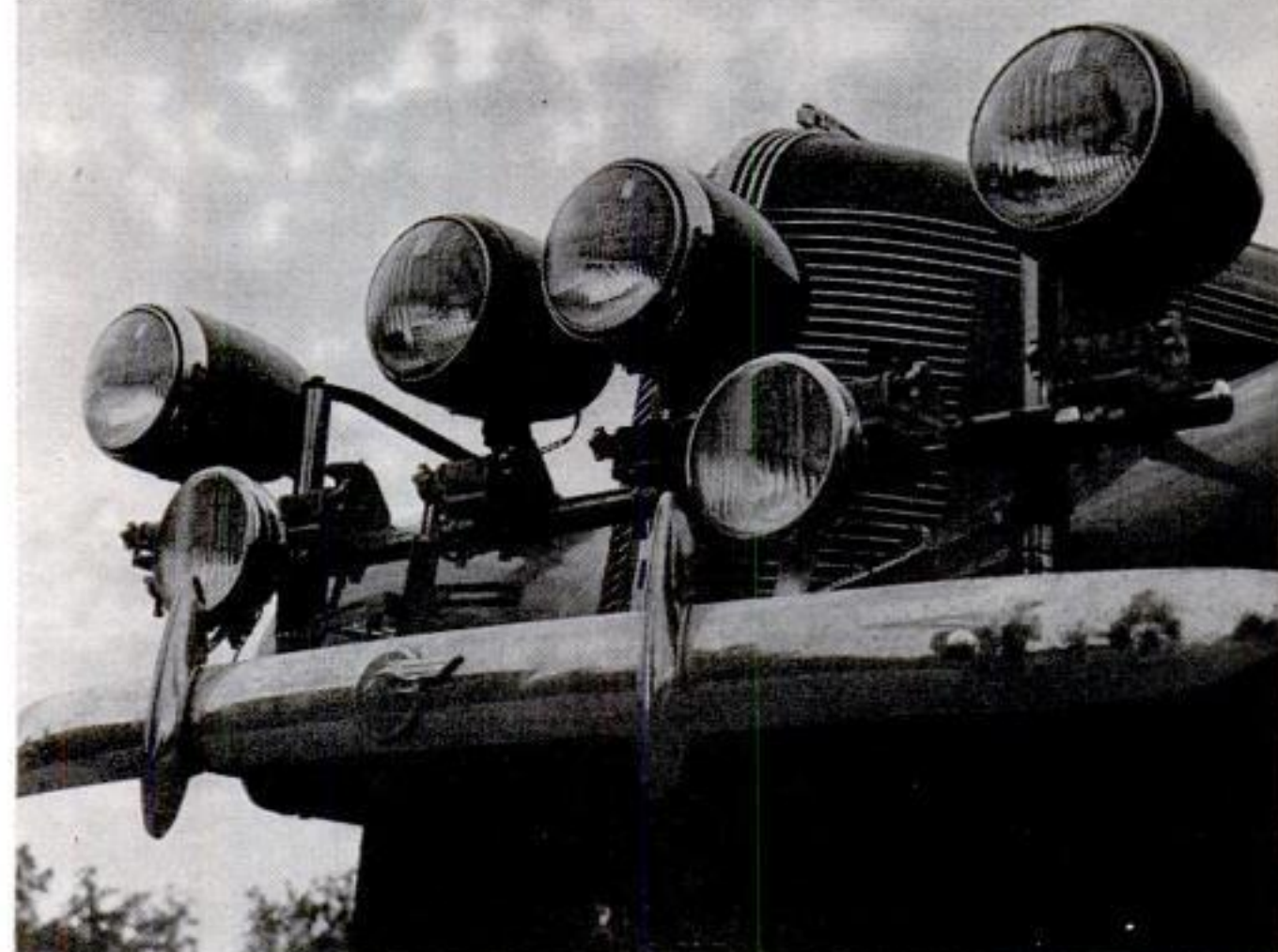
A dash of Aqua Velva before electric shaves dries off oily sebum and sweat.

Whiskers are left in position for your shaver to "mow 'em down." Try a cool dash of Aqua Velva before your next electric shave. Thousands agree there's nothing like it to remove gritty oils from your face . . . bring each bristle smartly to attention. A second dash of Aqua Velva after shaving leaves your face smoother, cooler, more refreshed—and free from all white scuff.

**We'll set you up to a**

**FREE bottle** Find out (at our expense) how Aqua Velva simplifies shaving with any electric razor. Send your name and address to: The J.B. Williams Co.; Dept. LA-1, Glastonbury, Conn. We'll send postpaid a generous free bottle of Aqua Velva.

Offer good in U.S.A. and Canada only.



A light-testing car is fitted with headlights of various designs which enables engineers to work out the best reflector and lens combinations while actually on the road.

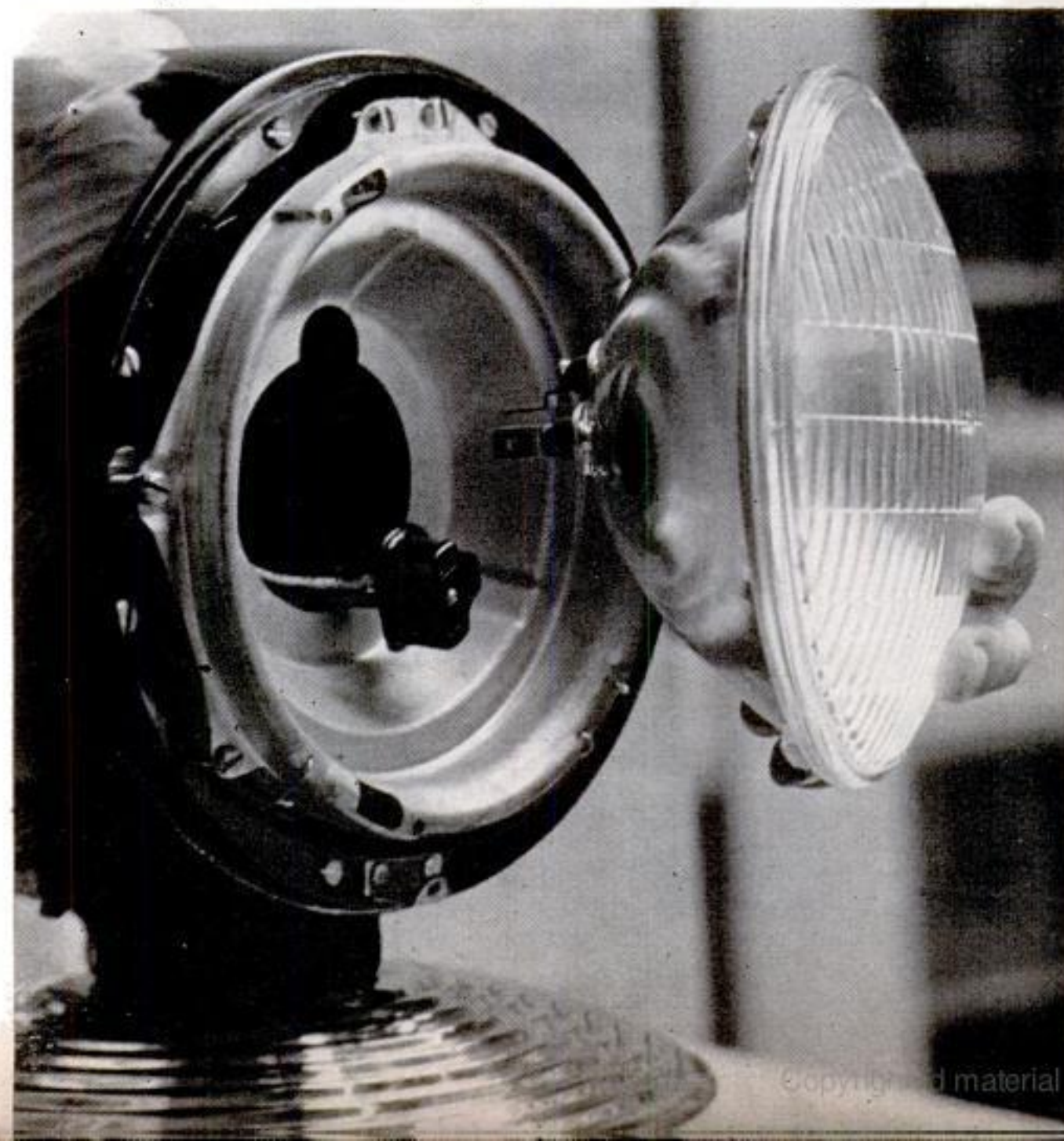
## AUTO INDUSTRY GETS TOGETHER ON NEW STANDARD HEADLIGHTS

If you buy a new car this autumn, you will find it equipped with a completely new type of headlight. Standard on almost every 1940 car, Sealed Beam Headlights are the result of three years of united effort and patent cross-licensing by the entire industry to end the bugaboo of poor light in night driving.

The headlight that has been evolved is the complete unit shown below, with reflector, filaments and lens in one tightly sealed piece. Just like a bulb, the headlight is plugged into place in the light casing, assuring perfect positioning of filaments, reflector and lens. And because the headlight is completely sealed, no dust can get in to cut down the efficiency of the reflector. In present-day headlights, dirty reflectors frequently cut off as much as 60% of the available light.

The complex lens on the front of the headlight is composed of no less than 180 prisms and is designed to spread the light to maximum advantage along and across the road. Two filaments in each lamp give the driver his choice of a powerful "country beam" for clear long-range vision on uncrowded roads or a "traffic beam" which illuminates the right lane and the right side of the highway but reduces glare for cars approaching in the left lane. Beams are shifted by a foot button near the clutch.

**Sealed Beam Headlights** are plugged into sockets like ordinary headlight bulbs, thrown away when burned out. They cost about \$1.35 but last longer than 30¢ bulb.





## ORDINARY HEADLIGHTS



## SEALED-BEAM LIGHTS



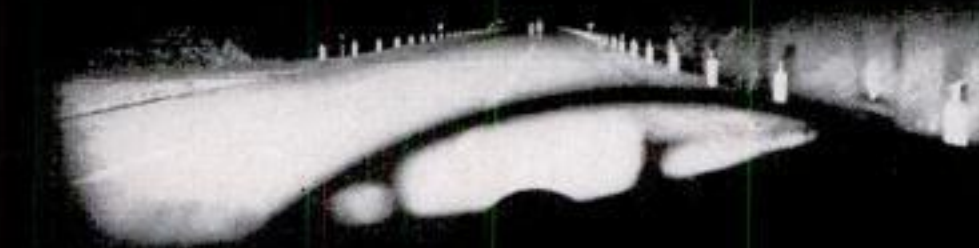
The passing beam of ordinary headlights (top) still dazzles an approaching driver. New headlights (directly above) give less glare and more light on the right-hand side.

More light and greater spread to illuminate the roadside make night driving safer. Photos below compare light beams of 1931 and 1939 cars with the new headlights.

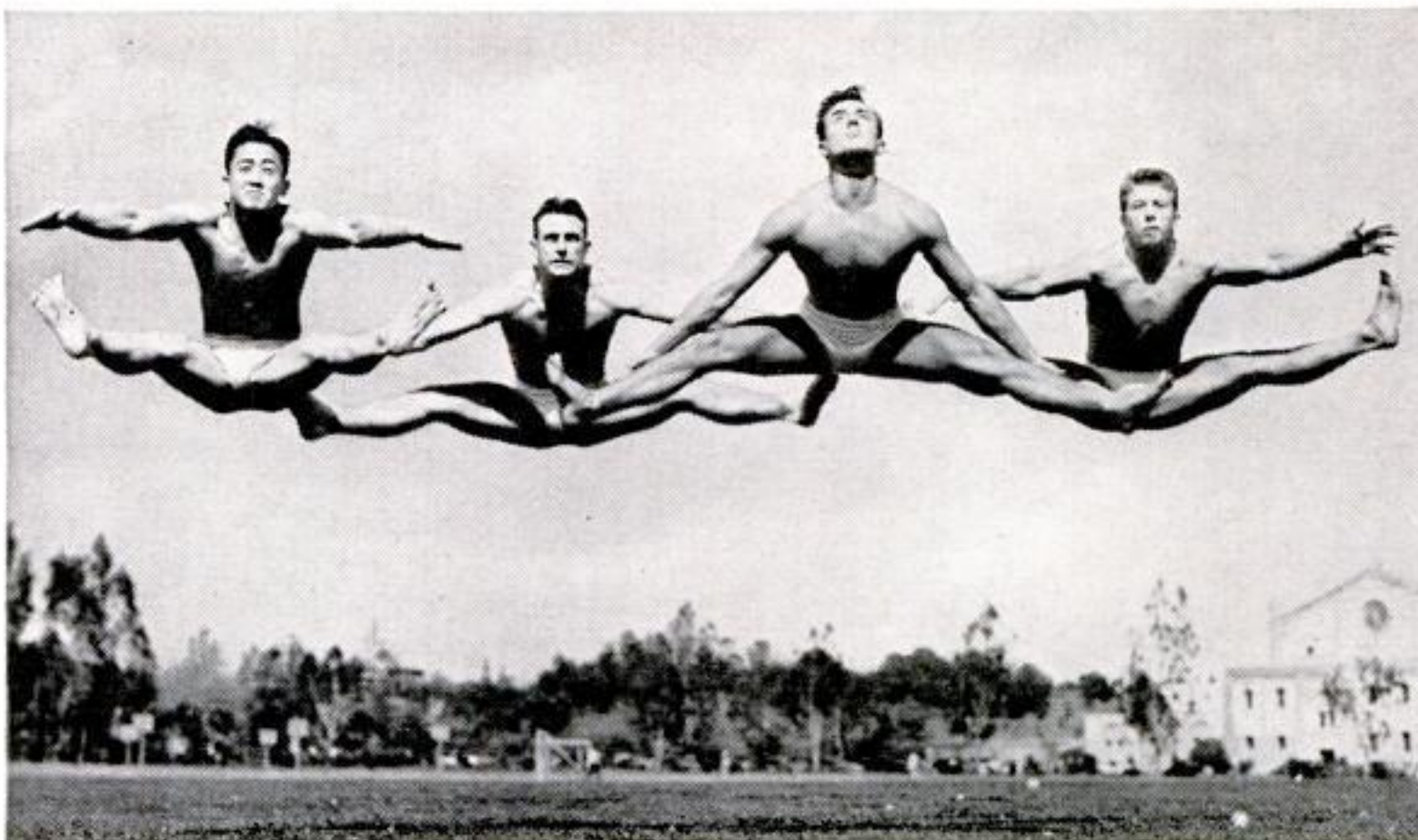
## 1931 HEADLIGHTS



## 1939 HEADLIGHTS



## SEALED-BEAM LIGHTS



Made by Herbert Dallinger with a 4x5 Series B Graflex

## Of Course, Mr. Dallinger Used a GRAFLEX



Most outstanding pictures are taken with Graflex-made cameras! For serious photographers depend on them for hard-to-get shots that win prizes and recognition. Illustrated here is the popularly priced Series B Graflex which took the picture shown above. Featuring full-vision ground glass focusing, focal plane shutter with a wide range of speeds and revolving back, it has what it takes to take prize-winning pictures. Three sizes;  $2\frac{1}{4} \times 3\frac{1}{4}$ ,  $3\frac{1}{4} \times 4\frac{1}{4}$ , and  $4 \times 5$ . See it at your dealer's.

While in New York for the World's Fair, visit the new Graflex Display Rooms, 30 Rockefeller Plaza.

**FREE!** Send for FREE Catalog of Graflex and Speed Graphic American-made, Prize-Winning Cameras and Accessories. Paste coupon—or write your request—on penny post card, if you wish. Folmer Graflex Corporation, Dept. L-48, Rochester, N. Y. U. S. A.



FOLMER GRAFLEX CORPORATION  
DEPT. L-48, ROCHESTER, N. Y., U. S. A.

Please send me free catalog of Graflex and Speed Graphic American-made, Prize-Winning Cameras and Accessories.

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## GRAFLEX Prize-Winning CAMERAS



① **MOTHERS** WHOSE CHILDREN FUSS WHEN LITTLE CUTS AND SCRATCHES HAVE TO BE BANDAGED...

② **USE QUICK-STICKING, EASY-TO-APPLY BAND-AID.** IT'S ON ALMOST BEFORE THE FIRST SQUIRM STARTS.



③ **KEEP A KIT OF NEAT-FITTING BAND-AIDS ALWAYS ON HAND.** THEY ARE READY INSTANTLY TO COVER—AND KEEP COVERED—ANY HARD-TO-COVER SURFACES.



ONLY 19¢ FOR 36 READY-TO-USE BAND-AIDS.

Johnson & Johnson

**BAND-AID** ADHESIVE BANDAGES

REG. U. S. PAT. OFF.

A RED CROSS PRODUCT





BOYS AT CAMP RARITAN CRUISE ABOUT COUNTRY IN COVERED WAGON. HORSES ARE TOPSY, DAN AND BILL

GIRLS AT CAMP MASHIPAONG KEEP HOUSE IN "LONG HOUSE" BUILT OF SAPLINGS WITH CANVAS ROOF



Lunch is eaten outdoors by the Rangers, occupants of covered wagon who spend their days swimming, fishing and taking it easy.

## *Life goes to Life Camps*

where needy girls and boys from  
city get a month's outing free



Fishing is popular with the girls at Camp Mashipaong which, unlike the boys' camp, has large lake with rowboats and canoes.





**Cooking buckwheat** cakes is often a morning procedure for covered-wagon campers. Chef's job rotates among seven Rangers.



**Jackie** likes chopping firewood for Rangers' camp, cooking and building fires. Board of Education picked him for Camp as experiment.



**"Chief Ruth,"** one of two counselors accompanying Rangers on rambles, throws a bed roll into the covered wagon.

From its predecessor *Life*, LIFE inherited the privilege of running summer camps for needy children of New York City. This year there are three Life Camps—Raritan (for small boys), Pole Bridge (for bigger boys) and Mashipacong (for girls)—all supported by voluntary contributions from LIFE's friends. By September, these camps will have given a month's outing to 412 children from 8 to 14. Here LIFE inspects activities of a few of its guests: seven boys spending their free holiday cruising about in a covered wagon from Camp Raritan and some of the girls who live in long houses and tepees at Mashipacong.

The children who go to Life Camps are picked by social agencies in New York with strict attention to their economic needs. At all three camps the children are looked after and taught useful independence by counselors chosen for their ability to deal with kids. It costs \$1 a day to maintain campers in a style to which all are distinctly unaccustomed.

Reactions of LIFE to its campers is one of approval. By the end of summer most of the campers have become so entranced with camp life that the counselors can hardly bundle them off to their city homes. But one denizen of Camp Raritan found that sleeping under trees gave him insomnia. Never having seen so many of them before, he was afraid they might fall down on him.



ACCOMPANIED BY CHIEF RUTH, RANGERS WALK THROUGH DAISY FIELD TO SWIM



**Swimming** is enjoyed at Camp Mashipacong as recreation from fishing or riding on lazy camp donkeys. Camp has 1,000 acres.



**Wood chopping** is also important part of Mashipacong routine. Girls over 12 can chop wood as fast and as well as boys, helped build camps.



**Eight bottles** partially filled with water hung on branch give out notes of scale when tapped by the girl campers.



# YACHTING



Reproduction of Bass Ale advertisement as it first appeared in England

In America, as well as in England, a fondness for the sea and a fondness for Bass Ale seem to go hand in hand.

The distinguished flavor and rich body of Bass make it especially appropriate after sports . . . with meals . . . or whenever a tall one is in order. For Bass is emphatically different . . . much as a sleek yacht is different from a tug. Order a Bass today and discover what "great stuff" it is. You can buy Bass Ale wherever fine beverages are served or sold.

**Bass**

**ALE**

Brewed in

England

Since 1777



W. A. TAYLOR & COMPANY, NEW YORK—Sole distributors for United States

## Megow's MODEL KITS



**AIRPLANES  
SHIPS  
HO-GAUGE RAILROADS**

New 100-page catalog shows the World's Champion QUAKER FLASH and the sensational quick-building COMMANDER gas-powered models. Scores of other airplanes and ships, HO-gauge railroad equipment, ready-made parts and supplies for hobby-crafters. Send 5c postage for your copy today!

**MEGOW'S** Dept L.,  
Howard & Oxford Sts., Phila., Pa.  
or 217 N. Desplains St., Chicago



## SKIN ITCHNY?

RELIEVE the nagging torment and quickly soothe tender, irritated parts with comforting, effectively medicated,

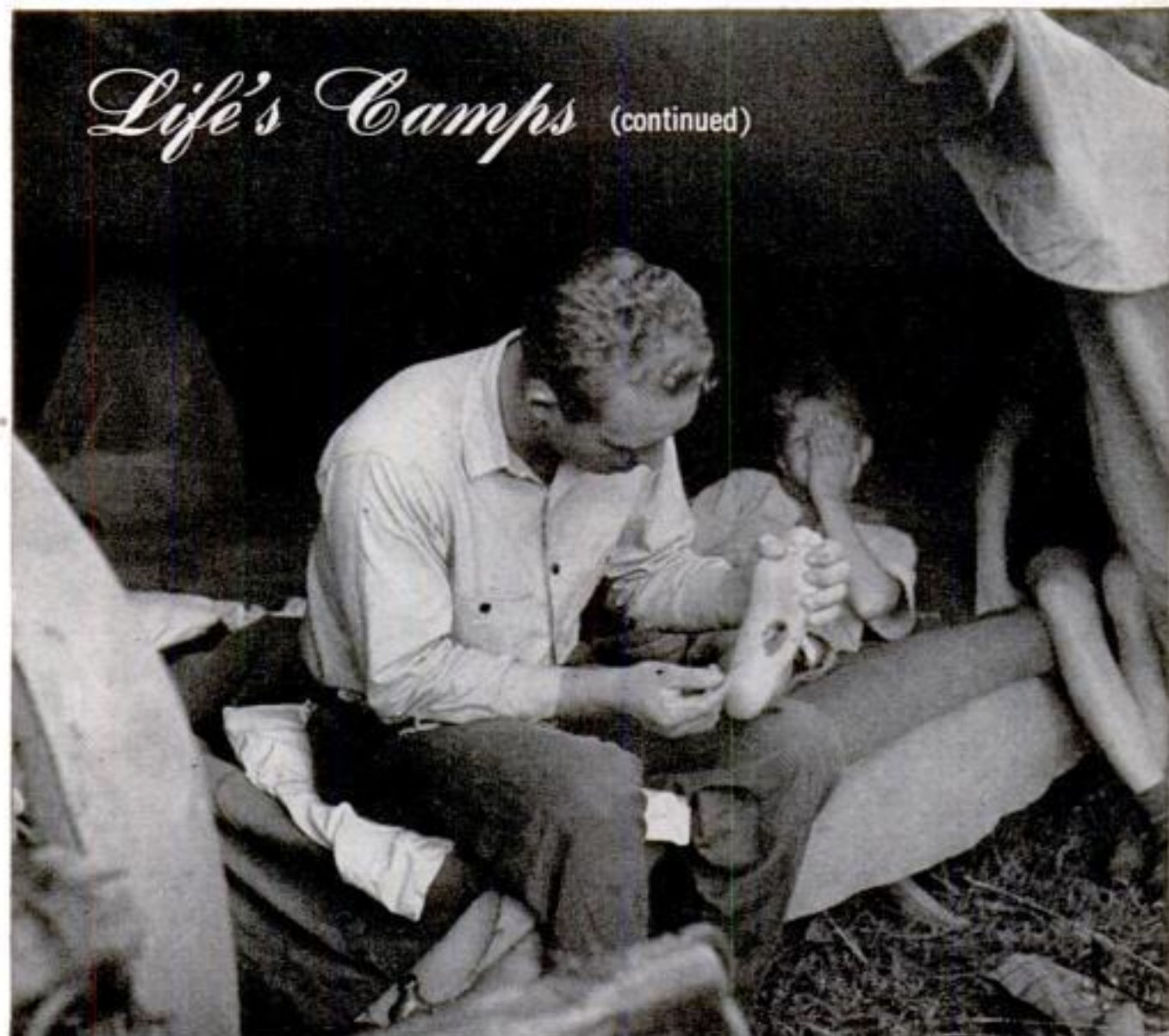
**RESINOL**

**HEADACHE Relief!**  
STANBACK acts fast!  
Won't leave you jittery!  
Try it! 10¢ & 25¢ at drug stores.

**STANBACK**

STANBACK COMPANY • SALISBURY • NORTH CAROLINA

## Life's Camps (continued)



Camper's foot gets painted with iodine by Chief Ruth. A small first-aid kit is carried along in wagon. Other Raritan campers live in tepees, tree houses and tents.



Grace said before dinner by Rangers varies. One is "Great Father of the outdoors, thank you for this meal." When it rains, Rangers dine inside with wagon flaps down.



Rest hour after lunch is supposed to include nap but most Rangers naturally spend it whispering, snickering and planning shenanigans for their afternoon activities.





Brushing teeth over brook is found by Rangers to be pleasanter than doing it at home. Big job of counselors is to see that tooth-brushing is continued at home.



POW-WOW with marshmallow roast, planning next day's program, singing ends day's affairs at Camp Mashipacong, which girls translate as "meadow between mountains."

## "I GET SORE WHEN YOU KISS ME" SAID THE FARMER'S DAUGHTER

"GET YOURSELF A BARBASOL FACE" she said. Well, I didn't realize how rough and bristly my face must have felt to her until I tried Barbasol. Boy, you should feel my skin now. Clean as a pin and smooth as silk. If you want to make a hit with women, get a Barbasol Face.



THE TRAVELING MAN had his shaving troubles until he switched to Barbasol. No messy brush to pack on train or plane. The quickest, sweetest shaves, too—gets your face in shape to meet the customer and leaves your skin feeling like a million.



FEEL THE IMPROVEMENT—Try Barbasol for just ten days. Note how much smoother, fresher your skin feels—how much younger-looking. No harsh irritants in Barbasol to bite and burn, even roughen the skin. Barbasol is a modern cream, containing beneficial ingredients that soothe the skin as well as soften the beard. Ask your druggist for Barbasol. Three sizes—25¢, 50¢, 75¢. Barbasol Blades, 5 for 15¢.



For modern shaving—  
No Brush—No Lather—No Rub-in





# ink



- ...that starts faster—
- ...flows more smoothly—
- ...that dries faster, too—
- ...and is richer in color—

• New Carter formulas. Even finer, smooth-flowing ink. The 9 rich colors add distinction to your writing... Smart, colorful Cubes... Wide mouths for easier filling and dipping... In Permanent, Washable and Sunset Ink.

**THE NEW CUBE-WELL**—A fountain-reservoir inkstand with extra-large Cube of ink. Self-starting pen "writes pages at one dipping."



**89¢**  
(98¢ Denver west) Prices slightly higher in Canada

## CARTER'S INK

Finest for Fountain Pens • Also Adhesives, Carbon Paper, Typewriter Ribbons, Cube-Wells

## PICTURES TO THE EDITORS



### WAYNE & BLAINE

Sirs:

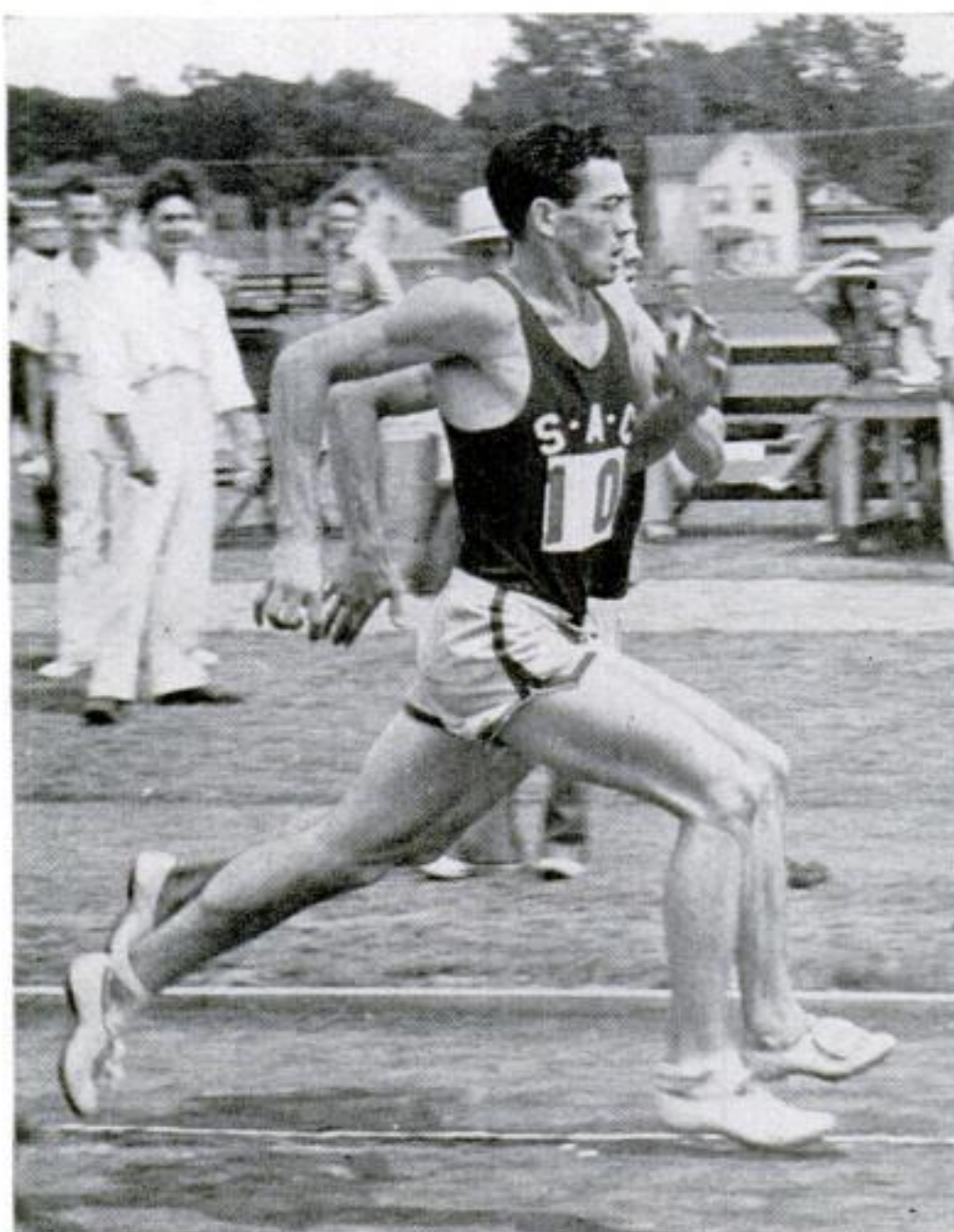
These pictures of the Rideout Twins in action show that they not only live up to "Mike and Ike, they look alike," but also to "Wayne and Blaine, they run the same."

You see them here at a meet in Kingston, N. Y., during the running of the mile race. Not once during the race were they out of step. Blaine has the number 10 on his shirt. Wayne is on the inside.

The fact that Blaine made an unexpected runaway with the 1,500-meter National Championship on July 4 adds to the present news value of the twins. There is a distinct chance that both will make the 1940 Olympic Team.

VICTOR WISNER

Perth Amboy High School  
Perth Amboy, N. J.



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## Cooking Expert

authority on today's smart  
"Mixed Greens Salad," says...

I WOULDN'T THINK OF TROUBLING TO MAKE FRENCH DRESSING AT HOME. THIS **REAL FRENCH DRESSING** MADE WITH "FRESH-PRESS" SALAD OIL GIVES SUPERB FLAVOR IT TASTES **FRESHER** THAN HOME-MADE!



"The new MASTER gives the amateur and professional a new and far more useful tool for correct photographic exposures," says Mr. Kessel. "It has WESTON accuracy, plus extremely high and low ranges, so that accurate settings can be obtained under very faint light as well as in the brightest light outdoors. The limited viewing angle, too, is highly desirable, for it keeps out all side lights when making critical shots."

Amateur or professional... if you want perfect exposures every time you use your still or movie camera... be sure to see the MASTER at your dealer's; or, return coupon for literature.

**WESTON**  
*Master*



**THE ULTIMATE IN EXPOSURE METERS!**

Weston Electrical Instrument Corporation  
630 Frelinghuysen Ave., Newark, N. J.  
Send literature on the new MASTER.

Name.....  
Address.....  
City..... State.....

## KIDS' RODEO

Sirs:

Here is a picture I took at the Second Annual Kid's Rodeo at La Junta. Even the little fellows learn to fork these calves

out here. This boy is 9 years old and a real western winner. Notice the expression of dismay on the calf's face.

A. G. RISLEY

La Junta, Colo.



## RUBINOFF & UMBRELLA

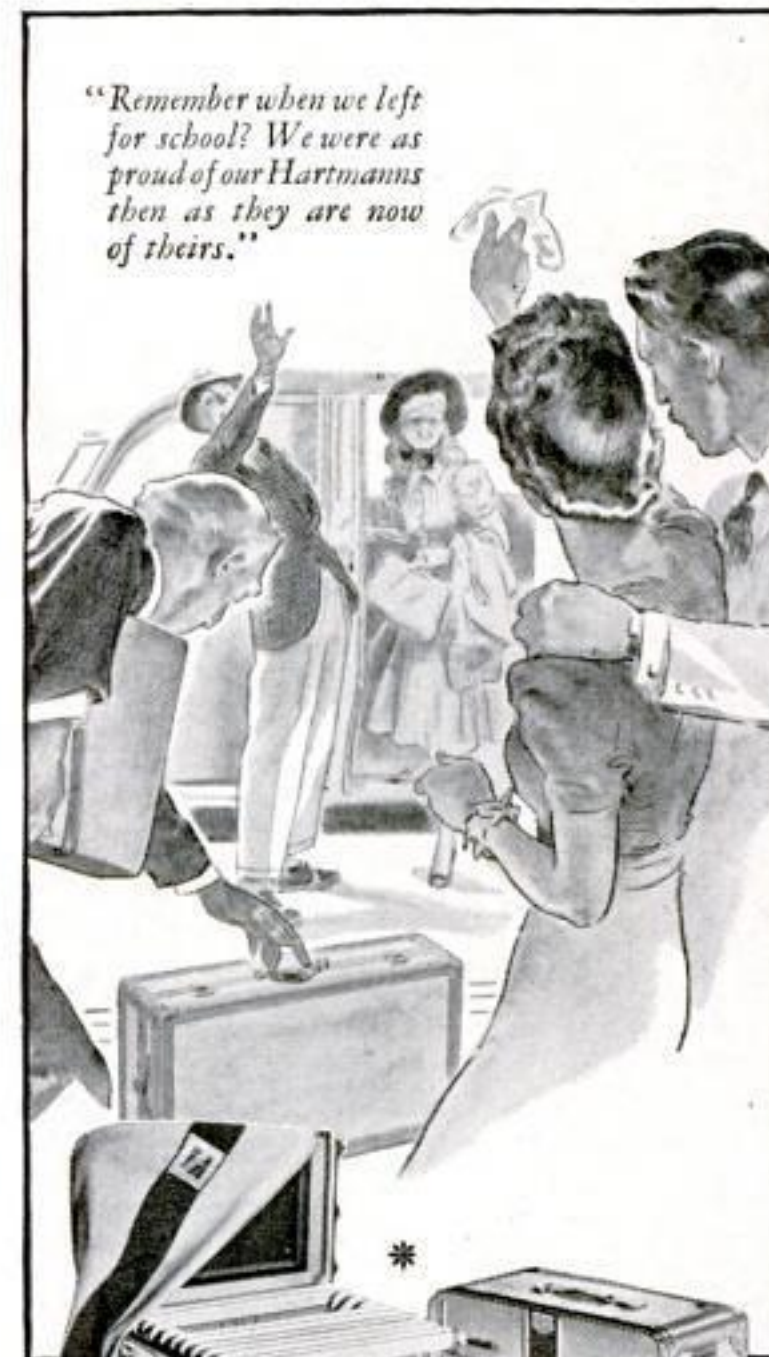
Sirs:

Showers which broke midway in the concert failed to halt Violinist Dave Rubinoff when he appeared recently as guest artist at the Mississippi Valley Music Festival. He simply called for an

umbrella and kept on playing. The audience, covered with umbrellas and newspapers, stayed until the last and yelled for more. "Wait until Chamberlain hears of this," he called out between encores.

WELDON H. WHISLER

Davenport, Iowa



"Remember when we left for school? We were as proud of our Hartmanns then as they are now of theirs."



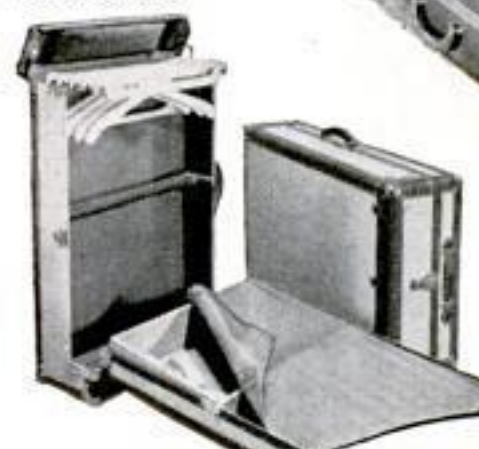
**Off to school, with at least 16 trips in 4 short years ahead. Their choice of Hartmann luggage will be more than justified by Hartmann's 60 years' experience.**

\* **THE WARDROBE TRUNK** by Hartmann comes in fibre, canvas or rawhide coverings. Keeps all the clothes you need at school or college safe and wrinkle-free. From \$25.00 to \$320.00



**THE SKYROBE** holds from 4 to 6 dresses wrinkle-free on hangers in the lid, leaving an entire section free for other apparel. From \$15.00 to \$155.00.

**THE BONDSTREETER**, every inch a gentleman's bag. Holds 2 suits, leaving entire section for shoes, shirts, accessories. From \$22.50 to \$260.00.



**THE TOUROBE** is a miniature wardrobe trunk that keeps 6 to 10 dresses or 3 to 5 suits in perfect press. Light enough to carry. From \$16.50 to \$85.00.

**HARTMANN**  
*Luggage*

Write Hartmann, Racine, Wisconsin, for a descriptive booklet and name of your nearest dealer.

"YOU NEVER KNOW WHAT CARE-FREE TRAVEL IS UNTIL YOU TRAVEL HARTMANN."



Don't let hot shaves  
Get your nanny—  
For Coolness,  
Ingram's is uncanny!



**Thrifty Ingram's  
helps bring relief from  
shaving nicks and stings!**

**I**NGRAM'S softens obstinate whiskers in sprint-time. And that famous Ingram's difference—the Ingram's kick—braces your skin from the instant you lather to the final frisky sweep of your blade. But what men like best about an Ingram's shave is the soothed, refreshed feeling that follows after! Ingram's helps bring relief from shaving hot spots and irritations. Your face stays cool, cool, COOL.

Get Ingram's, in the economical jar or tube TODAY—at your druggist's.



**INGRAM'S**  
*Concentrated*  
**SHAVING CREAM**  
A little goes a longer way

## PICTURES TO THE EDITORS

(continued)

### GERALDINE'S SOUVENIRS

Sirs:

During their recent stay in Norway, ex-King Zog and Queen Geraldine of Albania were often seen in public. Ex-Queen Geraldine is very keen on shopping. In spite of the numerous trunks she brought from Tirana, 25 new ones were

required to carry away the souvenirs she bought in Sweden and Norway. While on a motor trip in Norway, she stopped by the roadside to buy some slippers made of sealskin, trimmed with white rabbit. I snapped this picture of her doing it.

HENNING SINDING-LARSEN  
Oslo, Norway



### JUMBOS

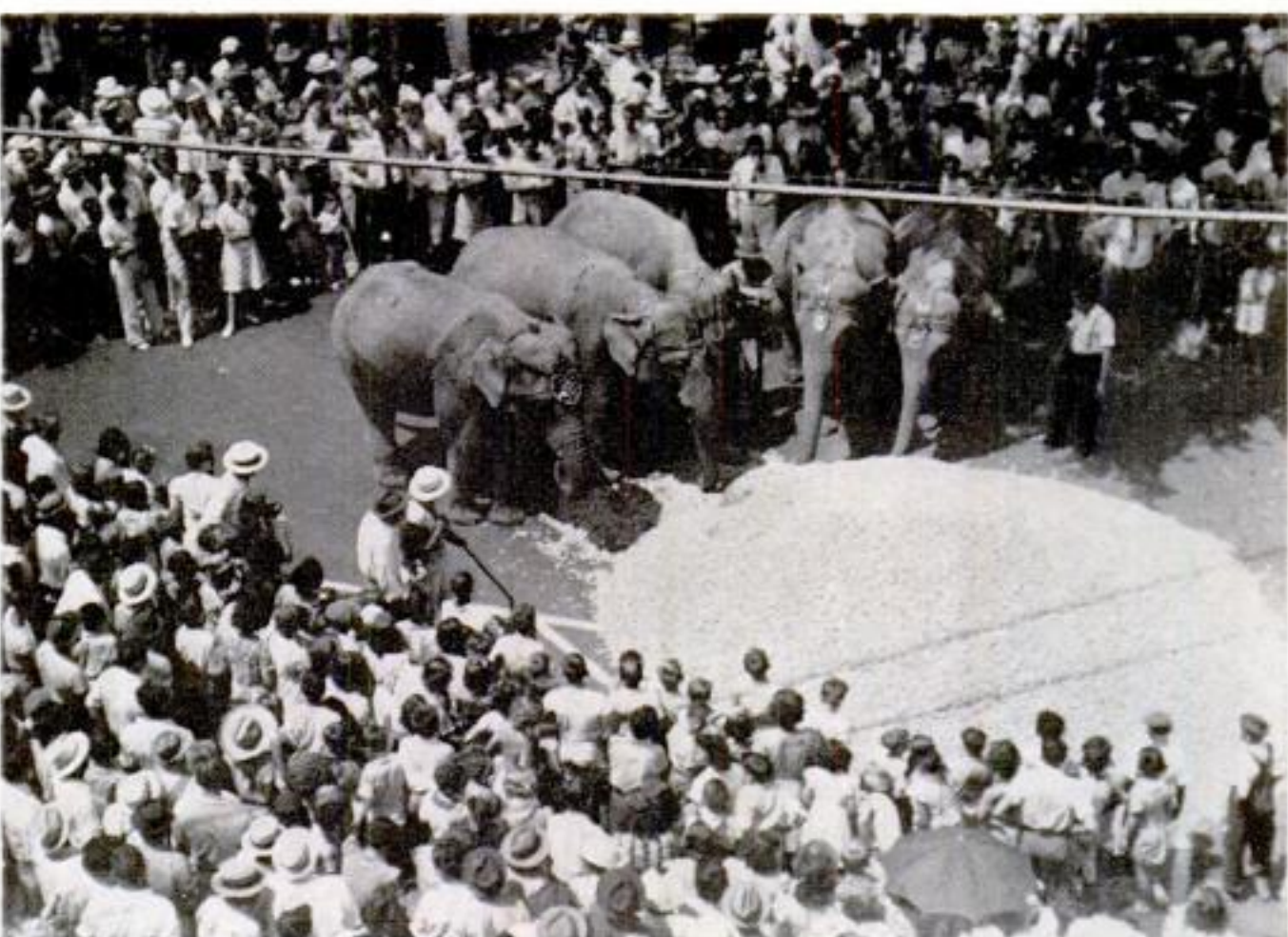
Sirs:

These pictures show what happens when literally "Jumbos eat Jumbos."

When Downie Brothers Circus came to town, the peanut factories all contributed

to this pile of peanuts and held the feast for the benefit of the children—and the elephants. There are plenty of peanuts here in Suffolk, the world's largest peanut market.

G. ROSS  
Suffolk, Va.



## LIFE'S PICTURES



Matthew B. Brady spent the Civil War taking magnificent pictures of the Union Army in camp and on the battlefield. In the panic of 1873 he lost his money and petitioned Congress to buy his photographs as historical documents. Congress did, paying \$25,000 for 2,000 plates. These pictures form the nucleus of the Signal Corps collection, from which LIFE selected the pictures on pages 46-55. But Brady got only a small part of the money Congress paid out. Most of it reputedly went to people who wangled the appropriation for him. Before the Civil War Brady was acknowledged to be the best American photographer of his time. The wealthy and the famous made their way to his New York studio to be photographed. But after the War Brady, who spent money faster than he made it, lost his prestige. He died in poverty in 1896, 73 years old.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture (left to right, top to bottom), and line by line (lines separated by dashes) unless otherwise specified.

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- 5—KITROSSER from P. I. exc. t. rt. A. P.
- 6—P. I.—ACME
- 9—W. W.
- 10—W. W.
- 11—A. P.
- 12—MONKEMEYER exc. rt. ZUBER from C. ANDERS & CO.
- 13—MONKEMEYER exc. l. lt. ZUBER from C. ANDERS & CO.
- 14—ACME-ACME, A. P.—INT.—HERBERT MATTER
- 15—HANSEL MIETH
- 16—WILLIAM VANDIVERT (2), AGNETA FISCHER—WILLIAM VANDIVERT
- 17—WILLIAM VANDIVERT, AGNETA FISCHER (2)—WILLIAM VANDIVERT
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- 27—HANSEL MIETH
- 28—HANSEL MIETH—EISENSTAEDT-PIX—EISENSTAEDT-PIX
- 31, 32—EISENSTAEDT-PIX
- 37—ELIOT ELISOFON; LYRIC "GOD DON'T LIKE IT" courtesy DECCA; also known as "MOONSHINE" courtesy MILLS MUSIC, INC.
- 38—EISENSTAEDT-PIX, WALTER WANGER PRODUCTIONS—M-G-M
- 41—M-G-M—EISENSTAEDT-PIX
- 43, 44—REPRODUCTIONS from "NAVAL SKETCHES OF THE WAR IN CALIFORNIA" by WILLIAM H. MEYERS, DESCRIPTIVE TEXT by CAPTAIN DUDLEY W. KNOX, U.S.N., FOREWORD by FRANKLIN D. ROOSEVELT, courtesy RANDOM HOUSE
- 46 through 55—U. S. ARMY SIGNAL CORPS
- 56 through 59—GJON MILI
- 60, 61—WALLACE KIRKLAND
- 62—DAVID E. SCHERMAN—HANSEL MIETH
- 63—DAVID E. SCHERMAN—DAVID E. SCHERMAN—HANSEL MIETH
- 64—DAVID E. SCHERMAN
- 65—DAVID E. SCHERMAN—HANSEL MIETH
- 68—CULVER SERVICE

ABBREVIATIONS: BOT., BOTTOM EXC., EXCEPT; LT., LEFT; RT., RIGHT; T., TOP; A. P., ASSOCIATED PRESS; INT., INTERNATIONAL; P. I., PICTURES INC.; W. W., WIDE WORLD



# Years ahead! HOOVER

CLEANING ENSEMBLE

Reg. U. S. Pat. Off.

*Keeps colors fresh*

INTERIOR BY JAMES & LANDOR • PHOTO BY ANTON BRUEHL



*Years ahead!*  
**IN VALUE TOO**  
**NOW A HOOVER FOR ONLY**  
**\$52<sup>50</sup>**

*You put your heart and soul into the color scheme of your home. You sometimes don't realize how month by month that color scheme loses its edge under the mask of gradually accumulating dirt.*

One of the first things a Hoover owner will tell you is, "The Hoover keeps colors so bright and fresh."

That's because Hoover alone has the exclusive quick-acting vibrating principle which we call Positive Agitation. This gets more dirt out of your rugs (where more than 85% of the dirt in your home is) and its easy-to-attach cleaning tools inhale the dirt from chairs, draperies, lamp shades and bare floors.

This complete cleaning helps keep the "just decorated look" in the home for a much longer time. Hoover is the choice of more than 5,000,000 women who are proud of their homes.

Let one of the leading stores which sells Hoover Cleaners place one at your disposal for free home trial. (Three different models—to suit any home and budget.) You can own a Hoover for as little as \$1.00 a week, payable monthly with light carrying charge. THE HOOVER COMPANY; Factories: North Canton, Ohio; Hamilton, Ont.



**TRY BEFORE YOU BUY**—An electric cleaner is a major investment. The heart-break of it all is that so many women buy today and repent tomorrow. Insist on trying *any* cleaner you are considering, in your own home in your own way.



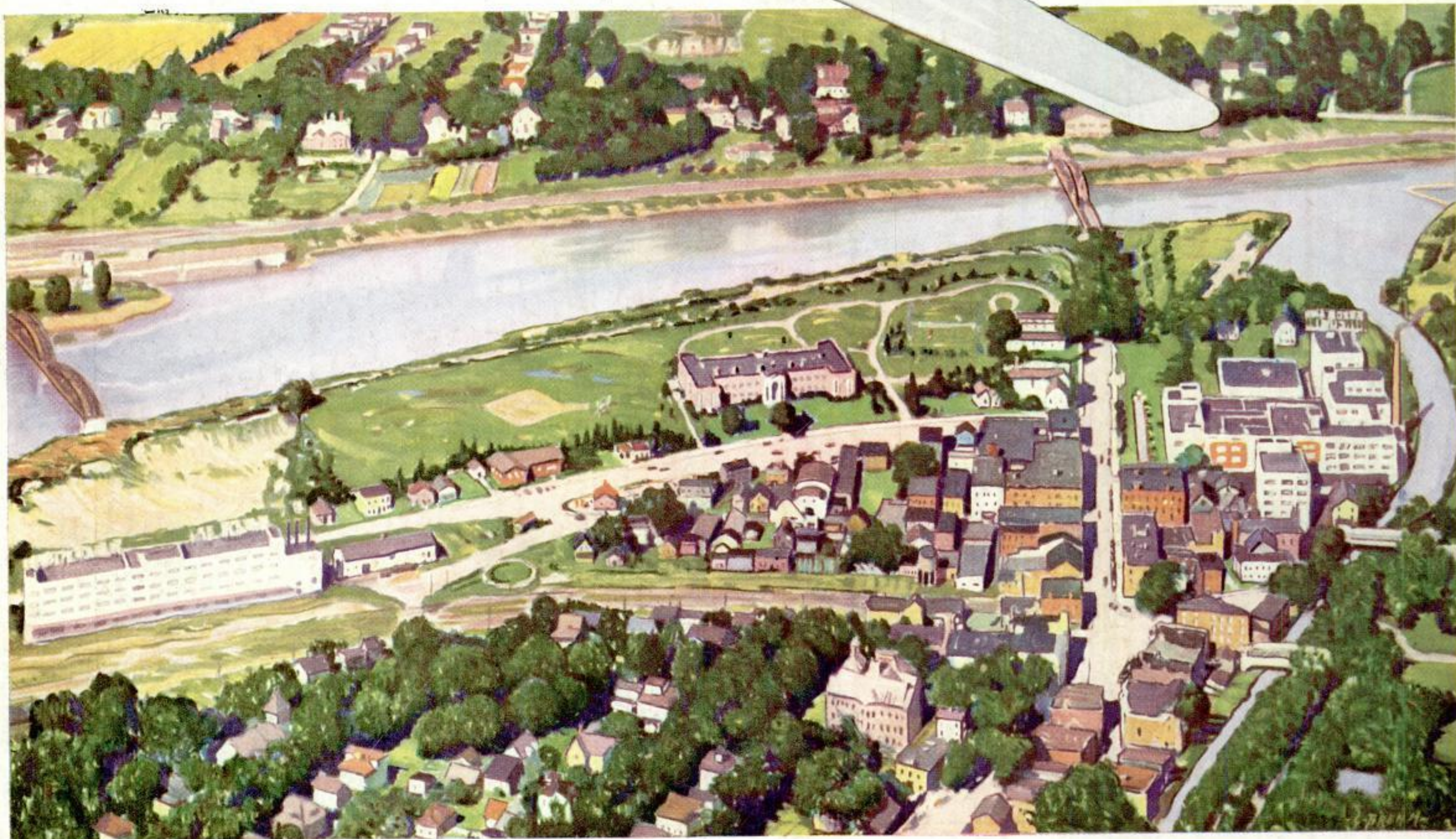
*New Hoover "305." New no-adjustment feature for thick or thin rugs. Complete Cleaning Tools at slight extra cost.*





"WHAT IS THAT PRETTY TOWN DOWN THERE?"

"THEY OUGHT TO CALL IT FLAVOR-TOWN BECAUSE IT'S WHERE DELICIOUS BEECH-NUT GUM IS MADE!"



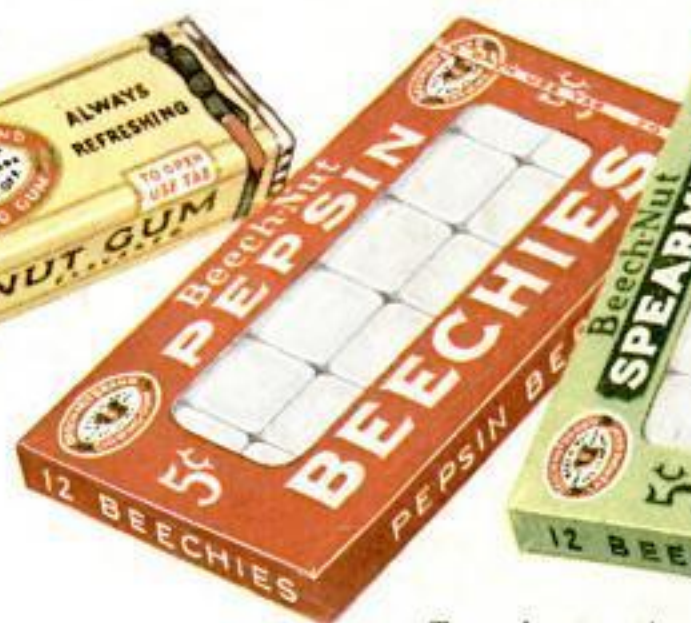
# Beech-Nut Gum

made with care, in country air, at Flavor-Town, (Canajoharie) N. Y.

Try these delicious flavors and see which you like the best.



Delicious, popular, peppermint flavor.



Tempting candy-coated individual pieces. In 3 flavors... handy for purse or pocket.



Firmer in texture for mouth health. Chew with a purpose.



True richness of flavor you'll love.



Visit the Beech-Nut Building at the New York World's Fair. If you drive, stop at Canajoharie, in the Mohawk Valley of New York, and see how Beech-Nut products are made.

One of America's GOOD habits